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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$257**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

- communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

- communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 5, 2018 contains applications open to public inspection from May 20, 2018 to May 26, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 5 juin 2018 contient les demandes disponibles au public pour consultation pour la période du 20 mai 2018 au 26 mai 2018.

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[54] **EXTRAITS PROVENANT D'ECHINODERMES, PROCEDES DE PREPARATION ET UTILISATIONS ASSOCIES**
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[72] MAMELONA, JEAN, CA
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[54] **CARTOUCHE, ET APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES UTILISANT LADITE CARTOUCHE**
[72] MIYABE, SHIGEO, JP
[72] UENO, TAKAHITO, JP
[72] MORIOKA, MASANARI, JP
[73] CANON KABUSHIKI KAISHA, JP
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[54] **MULTI-REFERENCE LPC FILTER QUANTIZATION AND INVERSE QUANTIZATION DEVICE AND METHOD**
[54] **QUANTIFICATION DE FILTRE A CODAGE PREDICTIF LINEAIRE A REFERENCE MULTIPLE ET DISPOSITIF ET PROCEDE DE QUANTIFICATION INVERSE**
[72] GOURNAY, PHILIPPE, CA
[72] BESSETTE, BRUNO, CA
[72] SALAMI, REDWAN, CA
[73] VOICEAGE CORPORATION, CA
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[54] **PROCEDE, PROGRAMME D'ORDINATEUR ET DISPOSITIF DE SUPERVISION D'UN ORDONNANCEUR POUR LA GESTION DU PARTAGE DE TEMPS DE TRAITEMENT DANS UN SYSTEME INFORMATIQUE MULTITACHE**
[72] DESSERTENNE, FRANCK, FR
[72] GUIRRIEC, PIERRE, FR
[73] AIRBUS OPERATIONS, FR
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[54] **STRUCTURAL VARIANTS OF ANTIBODIES FOR IMPROVED THERAPEUTIC CHARACTERISTICS**
[54] **VARIANTS STRUCTURAUX D'ANTICORPS POUR OBTENIR DE MEILLEURES CARACTERISTIQUES THERAPEUTIQUES**
[72] GOLDENBERG, DAVID M., US
[72] CHANG, CHIEN-HSING, US
[72] HANSEN, HANS J., US
[73] IMMUNOMEDICS INC., US
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[54] **PASSERELLE MOBILE**
[72] BJORSELL, JOHAN EMIL VIKTOR, CA
[72] HUTTUNEN, PENTTI KALEVI, CA
[72] SOBOLYEV, MAKSYM, CA
[72] MALAK, MAGDI EMIL, CA
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[54] **FILM RETRACTABLE MULTICOUCHE POUR APPLICATIONS A BASSE TEMPERATURE**
[72] PITTELLI, GABRIEL, US
[73] EXOPACK-TECHNOLOGIES, LLC, US
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[54] **PROCEDE DE PRODUCTION DE GLYCOPROTEINE ET PROCEDE DE CRIBLAGE**
[72] KAJIHARA, YASUHIRO, JP
[72] FUKAE, KAZUHIRO, JP
[73] GLYTECH, INC., JP
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[54] **IMPLANTS D'APPORT DE MEDICAMENT**
[72] NEBOSKY, PAUL S., US
[72] ZIMMERMAN, SARAH L., US
[72] STALCUP, GREGORY C., US
[73] SMED-TA/TD, LLC, US
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[54] **MESURE TRANSCUTANEE D'UNE FONCTION ORGANIQUE**
[72] GRETZ, NORBERT, DE
[72] HESSER, JUERGEN, DE
[72] PILL, JOHANNES, DE
[72] SCHOCK-KUSCH, DANIEL, DE
[72] WALTER, THOMAS, DE
[72] SADICK, MALIHA, DE
[72] EICKEMEYER, FELIX, DE
[72] HWANG, JAE HYUUG, DE
[72] SCHILDKNECHT, CHRISTIAN, DE
[72] WATANABE, SOICHI, DE
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[54] **IMPROVED PERHYDROLASES FOR ENZYMATIC PERACID GENERATION**
[54] **PERHYDROLASES AMELIOREES DESTINEES A LA PRODUCTION DE PERACIDE ENZYMATIQUE**
[72] DICOSIMO, ROBERT, US
[72] PAYNE, MARK S., US
[72] YIN, TYLER, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **SYSTEM FOR MOVING OBJECTS IN A STOREHOUSE**
[54] **SYSTEME POUR DEPLACER DES OBJETS DANS UN ENTREPOT**
[72] CHIAPPINI, ANDREA, IT
[72] BISELLI, GIANLUCA, IT
[72] MORICCA, TONINO, IT
[73] OTO MELARA SPA, IT
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[54] **FUEL BASE PRODUCTION PROCESS USING ONE ETHYLENE LOAD IMPLEMENTING A MINIMUM OF ONE FEED OLIGOMERIZATION STAGE IN THE PRESENCE OF A HOMOGENEOUS CATALYST SYSTEM**
[54] **PROCEDE DE PRODUCTION DE BASE POUR CARBURANTS A PARTIR D'UNE CHARGE ETHYLENIQUE METTANT EN OEUVRE AU MOINS UNE ETAPE D'OLIGOMERISATION EN PRESENCE D'UN SYSTEME CATALYTIQUE HOMOGENE**
[72] BERARD, SANDRINE, FR
[72] HARRY, STEPHANE, FR
[72] TOUCHAIS, NATACHA, FR
[72] MAGNA, LIONEL, FR
[72] OLIVIER-BOURBIGOU, HELENE, FR
[72] POPELIN, CEDRIK, FR
[72] PRORIOL, DAVID, FR
[72] SAUSSINE, LUCIEN, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **APPAREIL SERVANT A BRANCHER DES OUTILS DE FOND A UN CABLE METALLIQUE**
[72] EIRICH, GARY, CA
[72] EIRICH, CHRISTIAN, CA
[73] EIRICH, GARY, CA
[73] EIRICH, CHRISTIAN, CA
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[54] **OXIMETER DEVICE**
[54] **DISPOSITIF D'OXYMETRE**
[72] DONARS, DAVE, US
[72] RAMMEL, ROBERT, US
[72] BROWN, MATTHEW L., US
[72] SMITH, GUY A., US
[73] SMITHS MEDICAL ASD, INC., US
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[72] RANIERI, ERIC, FR
[72] ROWLAY, STEPHEN, GB
[72] CHRISTIE, ROBERT, US
[73] STANLEY BLACK & DECKER, INC., US
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[54] **METHOD AND APPARATUS FOR DETECTING PLUNGER ARRIVAL**
[54] **METHODE ET APPAREIL DE DETECTION DE L'ARRIVEE DU PISTON**
[72] WRIGHT, TERRY R., US
[72] LOWREY, BURKE E., US
[72] ROBERTS, PAUL T., US
[73] PCS FERGUSON, INC., US
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[54] **PROCEDE DE PURIFICATION DE METHACRYLATE DE METHYLE**
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[72] MORRIS, TREVOR HUW, GB
[73] LUCITE INTERNATIONAL UK LIMITED, GB
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[54] **ACCOUPLEMENT DE CARTOUCHE COMPACT**
[72] RUSCONI, PAOLO, IT
[72] FERRARA, ROCCO, IT
[73] FASTER S.P.A., IT
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[54] **METHOD AND SYSTEM FOR LOADING AND UNLOADING CARGO ASSEMBLY ONTO AND FROM AN AIRCRAFT**
[54] **PROCEDE ET SYSTEME DE CHARGEMENT A BORD D'UN AERONEF OU DE DECHARGEMENT DE L'APPAREIL D'UN ENSEMBLE DE FRET AEROPORTE**
[72] HELOU, ELIE, JR., US
[73] BIOSPHERE AEROSPACE, LLC, US
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[54] **SAPONINES IMMUNOSTIMULANTES S'UTILISANT DANS LE TRAITEMENT DE DESTRUCTION TUMORALE IN SITU**
[72] SCHRIER, CARLA CHRISTINA, NL
[72] NIERKENS, STEFAN, NL
[72] ADEMA, GOSSE, NL
[72] BROK DEN, MARTIJN, NL
[72] RUERS, THEODOOR JAQUES MARIE, NL
[73] INTERVET INTERNATIONAL B.V., NL
[73] STICHTING KATHOLIEKE UNIVERSITEIT, UNIVERSITAIR MEDISCH CENRUM ST. RADBOUD, NL
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[54] **EMBRAYAGE POUR UN MOTEUR DE TURBINE**
[72] COPELAND, ANDREW D., US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **METHOD OF REMOVING CARBON DIOXIDE FROM A FLUID STREAM AND FLUID SEPARATION ASSEMBLY**
[54] **PROCEDE D'ELIMINATION DU DIOXYDE DE CARBONE D'UN FLUX DE FLUIDE ET ENSEMBLE DE SEPARATION DE FLUIDE**
[72] PRAST, BART, NL
[72] LANGERAK, JAKOB ARIE CORNELIS, NL
[72] BETTING, MARCO, NL
[72] TJEENK WILLINK, CORNELIS ANTONIE, NL
[73] TWISTER B.V., NL
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[25] FR
[54] **SYSTEM FOR SELECTING A DATUM REPRESENTATIVE OF AN AIR PARAMETER, ENGINE CONTROL SYSTEM, AIRCRAFT INCLUDING SUCH SYSTEMS, AND RELATED METHOD**
[54] **SYSTEME DE SELECTION D'UNE DONNEE REPRESENTATIVE D'UN PARAMETRE DE L'AIR, SYSTEME DE COMMANDE DE MOTEUR, AERONEF COMPRENANT DE TELS SYSTEMES ET PROCEDE ASSOCIE**
[72] FEAU, JULIEN, FR
[73] AIRBUS OPERATIONS, FR
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[54] **MATERIAU ACTIF D'ELECTRODE POSITIVE DESTINE A DES BATTERIES SECONDAIRES ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MASUKUNI, HIROAKI, JP
[72] KOGA, KAZUMICHI, JP
[72] UEGAMI, MASAYUKI, JP
[72] MATSUMOTO, KAZUTOSHI, JP
[73] TODA KOGYO CORPORATION, JP
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[54] **APPAREIL ET PROCEDE D'INSTALLATION D'UN OUTIL DANS UN TROU DE FORAGE**
[72] MCGARIAN, BRUCE, GB
[73] MCGARIAN, BRUCE, GB
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[54] **COMPOSITIONS FOR RADIOLABELING DIETHYLENETRIAMINEPENTAACETIC ACID (DTPA)-DEXTRAN**
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[72] MAGNESON, GERALD ROSS, US
[72] ORAHOOD, RICHARD CUSHMAN, US
[73] CARDINAL HEALTH 414, LLC, US
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[54] **LOCATION DEPENDENT MONITORING FOR STOLEN DEVICES**
[54] **SURVEILLANCE GEODEPENDANTE DE DISPOSITIFS VOLES**
[72] JUNG, BYRON, CA
[72] LOVELAND, DAMIEN G., CA
[73] ABSOLUTE SOFTWARE CORPORATION, CA
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[25] EN
[54] **PURINE NUCLEOSIDE MONOPHOSPHATE PRODRUGS FOR TREATMENT OF CANCER AND VIRAL INFECTIONS**
[54] **PROMEDICAMENTS A BASE DE PURINE NUCLEOSIDE MONOPHOSPHATE POUR LE TRAITEMENT DU CANCER ET DES INFECTIONS VIRALES**
[72] CHO, JONG HYUN, US
[72] COATS, STEVEN J., US
[72] SCHINAZI, RAYMOND F., US
[72] ZHANG, HONGWANG, US
[72] ZHOU, LONGHU, US
[73] RFS PHARMA, LLC, US
[73] EMORY UNIVERSITY, US
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[54] **COMMUNICATIONS DEVICE WITH MULTIPLE RECEIVE AND TRANSMIT PATHS AND RELATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION A MULTIPLES CANAUX D'EMISSION ET DE RECEPTION ET PROCEDES CONNEXES**
[72] BREMER, BRIAN, US
[72] KUNDURU, JYOTHSNA, US
[73] BLACKBERRY LIMITED, CA
[86] (2751937)
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[22] 2011-09-08
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[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR CONTEXT-LINKED IMPORTATION OF USER INFORMATION**
[54] **SYSTEMES, PROCEDES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR UNE IMPORTATION LIEE AU CONTEXTE D'INFORMATIONS D'UTILISATEUR**
[72] HEYWOOD, JAMES, US
[72] WICKS, PAUL, US
[73] PATIENTSLIKEME, INC., US
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[54] **PROCEDE POUR FORMER UN REVETEMENT PROTECTEUR CONTRE L'OXYDATION A HAUTE TEMPERATURE SUR UN MATERIAU COMPOSITE REFRACTAIRE A BASE DE SILICIUM ET DE NIOBIUM**
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[72] JOSSO, PIERRE, FR
[73] ONERA (OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES), FR
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[54] **TREPANS ROTATIFS ET APPAREILS DE FORAGE LES COMPRENANT**
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[72] MEYERS, RUSSELL ROY, US
[73] DOVER BMCS ACQUISITION CORPORATION, US
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[72] MOERI, PETER, CH
[72] LANG, MARKUS, CH
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[54] **ENSEMBLE DE FORAGE DE FOND**
[72] DOWNIE, ANDREW MCPHERSON, GB
[72] VITALE, PASCAL MICHEL, FR
[72] BOUSSI, BACHAR, US
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[72] SKINNER, LESLIE JOHN, AU
[73] GARMOND PTY. LIMITED, AU
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[54] **TICKETS DE LOTERIE, SYSTEMES ET PROCEDES ASSOCIES**
[72] NORDBY, REIDAR MAGNUS, NO
[72] ANDREASSEN, FINN HARALD, NO
[72] FASTING, NIKOLAI, NO
[73] MULTILOT AS, NO
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[54] **METHODES POUR PREVENIR ET/OU TRAITER DES TROUBLES DU STOCKAGE LYSOSOMAL**
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[72] LEE, GARY, US
[73] AMICUS THERAPEUTICS, INC., US
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[54] **EXTRACTION D'ENERGIE A PARTIR DES VAGUES DANS UNE INSTALLATION DE TURBINE EOLIENNE**
[72] SKAARE, BJORN, NO
[73] HYWIND AS, NO
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[54] **SUPPORT D'INFORMATION PRESENTANT DES PROPRIETES ANTIVIRALES ET SON PROCEDE DE FABRICATION**
[72] ROSSET, HENRI, FR
[73] ARJOWIGGINS SECURITY, FR
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[54] **PROCEDE ET DISPOSITIF PERMETTANT D'OPTIMISER UN TRAITEMENT SANGUIN EXTRACORPOREL**
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[72] TELCHER, JOERG, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[54] **METHOD FOR THE PREPARATION OF AT LEAST ONE COMPOUND FROM BLOOD, AND EXTRACTION DEVICE FOR USE IN THE EXECUTION OF SAID METHOD**
[54] **PROCEDE DE PREPARATION D'AU MOINS UN COMPOSE A PARTIR DE SANG, ET DISPOSITIF D'EXTRACTION EN VUE D'UNE UTILISATION DANS L'EXECUTION DE CE PROCEDE**
[72] ANITUA ALDECOA, EDUARDO, ES
[73] BIOTECHNOLOGY INSTITUTE, I MAS D, S.L., ES
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[72] ABBATE, ANTHONY J., US
[73] INTERSECT ENT, INC., US
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[54] **ENSEMBLE FREIN D'AUBE DE ROTOR AERODYNAMIQUE A ENTRAINEMENT CENTRIFUGE**
[72] KAMEN, DEAN, US
[72] LANGENFELD, CHRISTOPHER C., US
[72] SMITH, STANLEY B., III, US
[72] WERNER, CHRISTOPHER M., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **GAS TURBINE ENGINE FLANGE ASSEMBLY INCLUDING FLOW CIRCUIT**
[54] **ENSEMBLE BRIDE D'UN MOTEUR A TURBINE A GAZ COMPRENANT UN CIRCUIT D'ECOULEMENT**
[72] RICE, EDWARD CLAUDE, US
[72] RAU, NAVEEN, US
[72] KOTH, ROBERT C., US
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[54] **PROCEDE POUR LE TRAITEMENT DE DONNEES DE SPECTROMETRIE DE MASSE**
[72] GREEN, MARTIN RAYMOND, GB
[72] SCOTT, GARRY MICHAEL, GB
[72] ST HILL, NICHOLAS LESTER, GB
[73] MICROMASS UK LIMITED, GB
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[54] **NOVEL BACILLUS THURINGIENSIS CRYSTAL POLYPEPTIDES, POLYNUCLEOTIDES, AND COMPOSITIONS THEREOF**
[54] **NOUVEAUX POLYPEPTIDES CRISTAL DE BACILLUS THURINGIENSIS, POLYNUCLEOTIDES CODANT POUR CES POLYPEPTIDES ET LEURS COMPOSITIONS**
[72] CERF, DAVID, US
[72] CONG, RUTH, US
[72] FREEMAN, MICHAEL, US
[72] MCBRIDE, KEVIN, US
[72] YAMAMOTO, TAKASHI, US
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[54] **INHIBITEURS DE LA REPLICATION DES VIRUS DE LA GRIPPE**
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[72] CLARK, MICHAEL P., US
[72] BANDARAGE, UPUL K., US
[72] BETHIEL, RANDY S., US
[72] COURT, JOHN J., US
[72] DENG, HONGBO, US
[72] DRUTU, IOANA, US
[72] DUFFY, JOHN P., US
[72] FARMER, LUC J., US
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[72] GU, WENXIN, US
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[72] PEROLA, EMANUELE, US
[72] WANG, TIANSHENG, US
[72] WANNAMAKER, M. WOODS, US
[72] BYRN, RANDAL, US
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[72] LIN, CHAO, US
[72] JIANG, MIN, US
[72] JONES, STEVEN, US
[72] GERMANN, URSULA A., US
[72] SALITURO, FRANCESCO G., US
[72] KWONG, ANN DAK-YEE, US
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **SYSTEME DE SURVEILLANCE D'OPERATIONS MINIERES**
[72] SCHWEIKART, VICTOR, AU
[73] TECHNOLOGICAL RESOURCES PTY LIMITED, AU
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[54] **COMPOSITION COMPRISING CERIUM OXIDE AND ZIRCONIUM OXIDE HAVING A SPECIFIC POROSITY, PREPARATION METHOD THEREOF AND USE OF SAME IN CATALYSIS**
[54] **COMPOSITION A BASE D'OXYDE DE CERIUM ET D'OXYDE DE ZIRCONIUM DE POROSITE SPECIFIQUE, PROCEDE DE PREPARATION ET UTILISATION EN CATALYSE**
[72] IFRAH, SIMON, FR
[72] LARCHER, OLIVIER, US
[73] RHODIA OPERATIONS, FR
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[54] **FORMULATIONS D'HUILE MOTEUR MULTIGRADE COMPRENANT UN COMPOSANT D'ESTER D'ORIGINE BIOLOGIQUE**
[72] MILLER, STEPHEN JOSEPH, US
[72] ELOMARI, SALEH A., US
[72] ZHOU, ZHEN, US
[73] CHEVRON U.S.A. INC., US
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[54] **NOUVEAUX DERIVES DE 1,2,3,4-TETRAHYDRO-PYRIMIDO{1,2-A}PYRIMIDIN-6-ONE,LEUR PREPARATION ET LEUR UTILISATION PHARMACEUTIQUE**
[72] BACQUE, ERIC, FR
[72] BROLLO, MAURICE, FR
[72] CLAUSS, ANNIE, FR
[72] EL AHMAD, YOUSSEF, FR
[72] FILOCHE-ROMME, BRUNO, FR
[72] HALLEY, FRANK, FR
[72] KARLSSON, KARL ANDREAS, FR
[72] MARCINIAK, GILBERT, FR
[72] RONAN, BAPTISTE, FR
[72] SCHIO, LAURENT, FR
[72] VIVET, BERTRAND, FR
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[73] SANOFI, FR
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[72] PETKOVIC, HRVOJE, SI
[72] KUSCER, ENEJ, SI
[72] FUJS, STEFAN, SI
[72] KOPITAR, GREGOR, SI
[72] MRAK, PETER, SI
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[54] **PROCEDE ET SYSTEME D'INTERFACE DE CAPTEUR MUNIE D'UNE COMMANDE DYNAMIQUE DE GAIN AUTOMATIQUE**
[72] ROYLANCE, JAMES MERRILL, US
[72] ABAWI, DANIEL ZAHI, US
[72] DEB, BIPLAB, IN
[73] GENERAL ELECTRIC COMPANY, US
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[54] **HERBICIDALLY ACTIVE HETEROARYL-SUBSTITUTED CYCLIC DIONES OR DERIVATIVES THEREOF**
[54] **DIONES CYCLIQUES SUBSTITUEES PAR HETEROARYLE A ACTIVITE HERBICIDE OU DERIVES DE CELLES-CI**
[72] JEANMART, STEPHANE ANDRE MARIE, CH
[72] LONGSTAFF, ADRIAN, GB
[72] MATHEWS, CHRISTOPHER JOHN, GB
[72] RUSSELL, CLAIRE JANET, GB
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[72] ALPER, MARK D., US
[72] KANDERSKI, MONINA D., US
[73] BOSTIK, INC., US
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[54] **LIANT ALIMENTAIRE A FAIBLE ACTIVITE A L'EAU ET PROCEDES ASSOCIES A CELUI-CI**
[72] GARTER, BARBARA, US
[73] KELLOGG COMPANY, US
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[54] **JEU DE LAMES POUR MACHOIRES UTILISEES DANS DES ENGINS DE DEMOLITION DETRUISANT DES RAILS**
[72] RAMUN, JOHN R., US
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[54] **SYSTEME ET PROCEDE DE FOURNITURE DE JUSTIFICATIFS D'IDENTITE**
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[54] **ADDITIFS VEGETAUX ET UTILISATION DE CES DERNIERS POUR MODULER LA SYNTHESE DES GLYCEROLIPIDES IN PLANTA**
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[72] DESNOS, THIERRY, FR
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[54] **FOUR A PEINTURE MODULAIRE A CHALEUR RADIANTE ET A CONVECTION**
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[54] **DISPOSITIF DE FILTRAGE D'AIR EN ENTREE DE MOTEUR A COMBUSTION INTERNE AVEC MOYEN DE VENTILATION**
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[54] **MATERIAU CERAMIQUE COMPOSITE COMPRENANT COMME CONSTITUANTS PRINCIPAUX DE L'OXYDE D'ALUMINIUM ET DE L'OXYDE DE ZIRCON**
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[72] GOTTWIK, LUKAS, DE
[72] SCHILCHER, KRISTINA, DE
[72] MORHARDT, ANDREAS, DE
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[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DES BRULURES CUTANEES**
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[73] FIRESTONE BUILDING PRODUCTS COMPANY, LLC, US
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[54] **SYSTEMES ET PROCEDES POUR ANESTHESIER LE TISSU DE L'OREILLE**
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[54] **PROCEDE D'ELIMINATION DES INCRUSTATIONS LORS D'UN PROCESSUS DE CONVERSION D'UNE BIOMASSE LIGNOCELLULOSIQUE**
[72] GRIFFIN, ROBERT, CA
[72] PAVLOVIC, VLADIMIR, CA
[72] WAHNON, DAPHNE, CA
[73] IOGEN ENERGY CORPORATION, CA
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[54] **PROCEDE ET APPAREIL POUR ANALYSES DE DIAGNOSTIC**
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[73] ALIFAX S.R.L., IT
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[54] **SYSTEME DE FUSION DE FIXATION D'ARTICULATION SACRO-ILIAQUE**
[72] DONNER, EDWARD JEFFREY, US
[73] JCBD, LLC, US
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[54] **NON-AQUEOUS COMPOSITION COMPRISING PARTIALLY FLUORINATED METHACRYLIC POLYMERS**
[54] **COMPOSITION NON AQUEUSE COMPRENANT DES POLYMERES METHACRYLIQUES PARTIELLEMENT FLUORES**
[72] OBER, MICHAEL HENRY, US
[72] WYSONG, ERNEST B., US
[72] HOPKINS, TIMOTHY EDWARD, US
[72] LIU, ANDREW HEN, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **COMPOSITION MEDICINALE POUR LE TRAITEMENT ET/OU LA PREVENTION DU CANCER**
[72] OKANO, FUMIYOSHI, JP
[72] SAITO, TAKANORI, JP
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[54] **UNITE DE RAMIFICATION FLEXIBLE ET SYSTEME LA COMPRENANT**
[72] KOVSH, DMITRIY, US
[72] ABBOTT, STUART M., US
[72] LI, HAIFENG, US
[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US
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[54] **CRYSTALLIZED META-ARAMID BLENDS FOR FLASH FIRE AND ARC PROTECTION HAVING IMPROVED COMFORT**
[54] **MELANGES DE META-ARAMIDE CRISTALLISEE DESTINES A LA PROTECTION CONTRE LE FEU A INFLAMMATION INSTANTANEE ET LES ARCS ET POSSEDANT UN CONFORT OPTIMISE**
[72] ZHU, REIYAO, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **DISPOSITIF DE BRASSAGE A BASSE PRESSION A CIRCULATION ACCELEREE**
[72] NGUYEN, QUAN H., US
[72] COLLIER, CHRISTOPHER D., US
[72] MCLAUGHLIN, JAMES M., US
[73] CONCORDIA COFFEE COMPANY, INC., US
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[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **FRONT ARRANGEMENT FOR A VEHICLE, IN PARTICULAR FOR A RAIL VEHICLE, HAVING A WINDSHIELD WASHER DEVICE**
[54] **AMENAGEMENT DE L'AVANT D'UN VEHICULE AYANT, PLUS PARTICULIEREMENT, UN DISPOSITIF LAVE-GLACE**
[72] PETTO, MICHAEL, AT
[73] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **MODULAR STIMULATOR FOR TREATMENT OF BACK PAIN, IMPLANTABLE RF ABLATION SYSTEM AND METHODS OF USE**
[54] **STIMULATEUR MODULAIRE POUR LE TRAITEMENT DES DOULEURS DORSALES, SYSTEME D'ABLATION RF IMPLANTABLE ET PROCEDES D'UTILISATION**
[72] CROSBY, PETER ANDREW, US
[72] SACHS, DAN, US
[72] RAWAT, PRASHANT BRIJMOHANSINGH, US
[72] SHIROFF, JASON ALAN, US
[72] HEEMELS, JOHANNES PETRUS, BE
[73] MAINSTAY MEDICAL LIMITED, IE
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[54] **SYSTEME DE CONTROLE DE VENTILATION RECUPERATEUR D'ENERGIE**
[72] WILEY, JOSIAH, US
[72] LONGMAN, MICHAEL G., US
[72] MOODY, SEAN ANDREW, US
[73] AIR DISTRIBUTION TECHNOLOGIES IP, LLC, US
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[54] **A DEVICE AND SYSTEM THAT IDENTIFIES CARDIOVASCULAR INSUFFICIENCY**
[54] **DISPOSITIF ET SYSTEME PERMETTANT D'IDENTIFIER UNE INSUFFISANCE CARDIO-VASCULAIRE**
[72] BERKOW, JAN, US
[73] INTELOMED, INC., US
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[54] **ANTIBODIES TO MUC16 AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-MUC16 ET LEURS PROCEDES D'UTILISATION**
[72] SPRIGGS, DAVID, US
[72] THAPI, DHARMARAO, US
[73] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[54] **CONCENTRATED PROTEIN FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS CONCENTREES DE PROTEINE ET LEURS UTILISATIONS**
[72] CHEN, TRACY T., US
[73] CYTODYN, INC., US
[85] 2012-09-28
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[54] **METHOD FOR ARC-WELDING ALUMINUM-COATED METAL PARTS USING OXIDIZING GAS**
[54] **PROCEDE DE SOUDAGE A L'ARC AVEC GAZ OXYDANT DE PIECES METALLIQUES ALUMINIEES**
[72] BERTIN, PASCAL, FR
[72] DUBET, OLIVIER, FR
[72] GADREY, SEBASTIEN, FR
[72] RICHARD, FREDERIC, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[25] EN
[54] **A TUNABLE LASER-BASED INFRARED IMAGING SYSTEM AND METHOD OF USE THEREOF**
[54] **SYSTEME D'IMAGERIE INFRAROUGE BASE SUR UN LASER ACCORDABLE, ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] DIEM, MAX, US
[72] DIMARZIO, CHARLES A., US
[73] NORTHEASTERN UNIVERSITY, US
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[54] **SYSTEME DE REGULATION DE STABILITE POUR UN HYDROCYCLONE**
[72] CASTRO, EDUARDO FRANCISCO OLIVARES, CL
[73] VULCO S.A., CL
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[54] **PHOSPHOLIPID-ENRICHED VESICLES BEARING TISSUE FACTOR HAVING HAEMOSTATIC ACTIVITIES AND USES THEREOF**
[54] **VESICULES ENRICHIES EN PHOSPHOLIPIDES PORTANT UN FACTEUR TISSULAIRE AYANT DES ACTIVITES HEMOSTATIQUES ET LEURS UTILISATIONS**
[72] MURAT MORENO, JESUS, ES
[72] RODRIGUEZ FERNANDEZ - ALBA, JUAN RAMON, ES
[73] THROMBOTARGETS EUROPE, S.L., ES
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[54] **METHODS FOR TREATING GLUCOSE METABOLIC DISORDERS**
[54] **PROCEDES POUR LE TRAITEMENT DES TROUBLES DU METABOLISME DU GLUCOSE**
[72] RUFF, KEVIN, US
[73] ESM HOLDINGS, LLC, US
[85] 2012-10-12
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[54] **INCREASING THE BREAKING LOAD OF CERAMIC SOCKET INSERTS FOR HIP JOINT PROSTHESES BY DEFINED BACK-SIDE COLLISION OF THE SOCKET INSERT AND THE HIP SOCKET**
[54] **AUGMENTATION DE LA CHARGE DE RUPTURE D'INSERTS DE CAVITE COTYLOIDE EN CERAMIQUE POUR DES PROTHESES D'ARTICULATION DE LA HANCHE PAR CONTACT ARRIERE DEFINI ENTRE L'INSERT DE CAVITECOTYLOIDE ET LA CAVITE COTYLOIDE**
[72] PREUSS, ROMAN, DE
[72] PANDORF, THOMAS, DE
[73] CERAMTEC GMBH, DE
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[54] **CLIMATE CHAMBER PROVIDED WITH CIRCULATION SYSTEM**
[54] **CHAMBRE CLIMATISEE POURVUE D'UN SYSTEME DE CIRCULATION**
[72] METER, TJITZE, NL
[73] HATCHTECH GROUP B.V., NL
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[54] **REDUCED-PRESSURE MEDICAL SYSTEMS AND METHODS EMPLOYING A MOISTURE PROCESSING DEVICE**
[54] **SYSTEMES MEDICAUX A PRESSION REDUITE ET PROCEDES UTILISANT UN DISPOSITIF DE TRAITEMENT DE L'HUMIDITE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] TOUT, AIDAN MARCUS, GB
[73] KCI LICENSING, INC., US
[85] 2012-10-18
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[54] **SUSPENSION SYSTEMS AND METHODS WITH INDEPENDENT STIFFNESS AND HEIGHT TUNING**
[54] **SYSTEMES ET PROCEDES DE SUSPENSION A REGLAGE INDEPENDANT DE LA RAIDEUR ET DE LA HAUTEUR**
[72] KHAJEPOUR, AMIR, CA
[72] ZHIHONG, YIN, CA
[72] DONGPU, CAO, CA
[72] EBRAHIMI, BABAK, CA
[73] KHAJEPOUR, AMIR, CA
[73] ZHIHONG, YIN, CA
[73] DONGPU, CAO, CA
[73] EBRAHIMI, BABAK, CA
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[54] **METHOD OF OPTIMIZATION OF CACHE MEMORY MANAGEMENT AND CORRESPONDING APPARATUS.**
[54] **PROCEDE D'OPTIMISATION DE LA GESTION DE MEMOIRE CACHE ET APPAREIL CORRESPONDANT.**
[72] QUERE, THIERRY, FR
[72] RIGAL, RENAUD, FR
[72] FRESNAYE, FLORENT, FR
[73] THOMSON LICENSING, FR
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[54] **MULTIPLE INPUT MULTIPLE OUTPUT COMMUNICATION SYSTEM USING CODEBOOK CORRESPONDING TO EACH REPORTING MODE**
[54] **SYSTEME DE COMMUNICATION A ENTREE MULTIPLE ET SORTIE MULTIPLE EMPLOYANT UN LIVRE DE CODES CORRESPONDANT A CHAQUE MODE DE RAPPORT**
[72] CHOI, JUN IL, KR
[72] CLERCKX, BRUNO, KR
[72] KIM, KI IL, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[30] US (61/329,634) 2010-04-30
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[54] **SUPPORTED DAVIT ARM EXTENSION ASSEMBLY FOR CABLE SUSPENDED DESCENT APPARATUS**
[54] **ENSEMBLE D'EXTENSION A POTENCE SOUTENU POUR APPAREIL DE DESCENTE SUSPENDU PAR UN CABLE**
[72] SMITH, PAUL, CA
[72] SMITH, DANIEL S., CA
[72] BOULTER, DARRELL, CA
[72] MURRAY, FRANK, CA
[72] HARTMAN, GREGORY A., CA
[73] RIDE INC., CA
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[54] **COMMANDE A REACTION D'ACTIONNEURS PNEUMATIQUES MARCHE/ARRET**
[72] AGAHI, DARYUSH, US
[73] ALCON RESEARCH, LTD., US
[85] 2012-11-02
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[25] EN
[54] **PHARMACEUTICAL FORMULATION IN THE FORM OF BILAYERED TABLETS COMPRISING HMG-COA REDUCTASE INHIBITOR AND IRBESARTAN**
[54] **FORMULATION PHARMACEUTIQUE SOUS LA FORME DE COMPRIMES BICOUCHES COMPRENANT UN INHIBITEUR DE HMG-COA REDUCTASE ET D'IRBESARTAN**
[72] KIM, YONG IL, KR
[72] NA, YOUNG JUN, KR
[72] KIM, MIN JUNG, KR
[72] KIM, YOUNG-HUN, KR
[72] PARK, JAE HYUN, KR
[72] WOO, JONG SOO, KR
[73] HANMI SCIENCE CO., LTD., KR
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[30] KR (10-2010-0045636) 2010-05-14
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[54] **COMBINATION OF AN NSAID AND AN AMINO ACID**
[54] **COMBINAISON D'UN AINS ET D'UN ACIDE AMINE**
[72] SENOSIAIN PELAEZ, JUAN PABLO, MX
[72] ARZOLA PANIAGUA, ANGELICA, MX
[72] GARCIA-SALGADO LOPEZ, ENRIQUE RAUL, MX
[73] LABORATORIOS SENOSIAIN, S.A. DE C.V., MX
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[72] VUAGNIAUX, DIDIER, CH
[73] NESTEC S.A., CH
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[54] **CABLE ELECTRIQUE AVEC COUCHE EXTERIEURE SEMI-CONDUCTRICE QUI PEUT ETRE DISTINGUEE DE LA GAINE**
[72] KUCHTA, FRANK, US
[72] COPLEN, PATRICK, US
[72] CHAVARRIA, GONZALO, US
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[73] PRYSMIAN POWER CABLES AND SYSTEMS USA, LLC, US
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[54] **ASSOCIATIONS DE PYRIMETHANIL ET DE MONOTERPENES**
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[72] BOSSELAERS, JAN PIETER HENDRIK, BE
[73] JANSSEN PHARMACEUTICA NV, BE
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[54] **ACTIONNEUR ELECTRIQUE INTEGRANT UN MECANISME DE JEU DE GARDE POUR ELIMINER LA RESISTANCE MUTUELLE**
[72] EVANS, ROYSTON ALAN, GB
[72] TIERNEY, MALCOLM OLIVER, GB
[73] TRIUMPH ACTUATION SYSTEMS - UK, LTD., GB
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[72] TKACHENKO, ALEX, US
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[54] **METHODS AND PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF RESPIRATORY TRACT INFECTIONS**
[54] **PROCEDES ET COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT D'INFECTIONS DES VOIES RESPIRATOIRES**
[72] SIRARD, JEAN-CLAUDE, FR
[72] CHABALGOITY, JOSE A., UY
[73] (INSERM) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
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[54] **LAMINATE AND VULCANIZED PRODUCT THEREOF**
[54] **CORPS STRATIFIE ET VULCANISAT CORRESPONDANT**
[72] KAWASAKI, TAKASHI, JP
[72] SUNADA, TAKASHI, JP
[72] HAGIWARA, SHOGO, JP
[72] ABE, YASUSHI, JP
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[54] **A NITRIDED MIXED OXIDE CATALYST SYSTEM AND A PROCESS FOR THE PRODUCTION OF ETHYLENICALLY UNSATURATED CARBOXYLIC ACIDS OR ESTERS**
[54] **SYSTEME CATALYSEUR EN OXYDE MIXTE NITRURE ET PROCEDE POUR LA PRODUCTION D'ESTERS OU ACIDES CARBOXYLIQUES A INSATURATION ETHYLENIQUE**
[72] YORK, IAN ANDREW, GB
[72] ZIEMIAN, SABINA, GB
[73] LUCITE INTERNATIONAL UK LIMITED, GB
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[73] NOVOMEDIX, LLC, US
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[54] **SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE**
[72] GILBERT, PATRICK, GB
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[72] COWLEY, COLLIN GEORGE, US
[72] PETTY, CREIGHTON RALPH, US
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[72] HANSEN, ANDREW STEVEN, US
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[54] **DISPOSITIF DE FIXATION POUR LE TRANSPORT DE PATIENTS NOUVEAU-NES DANS COUVEUSE A REGULATION DE TEMPERATURE**
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[54] **SYSTEME OPTIQUE DE VEILLE POUR SYSTEME DE VEILLE SPATIALE DE SURVEILLANCE DE L'ESPACE PROCHE**
[72] MARTIN, BERNARD, FR
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[54] **PREPOLYMERES FAIBLEMENT MODIFIES ET LEURS UTILISATIONS**
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[54] **AGENCEMENT DE CIRCUITS ET PROCEDE DE SURVEILLANCE D'UN PROCESSEUR DSP DANS LE CADRE D'UNE APPLICATION CRITIQUE POUR LA SECURITE**
[72] KURZ, NIKOLAUS, DE
[72] BONERZ, CHRISTIAN, DE
[72] MACHE, ERIK, DE
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[72] ARAI, MASAHIKO, JP
[72] KOBAYASHI, KUNIO, JP
[72] WATANABE, YOSHIKAZU, JP
[72] IMAI, TOSHIYASU, JP
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[72] ZHU, QIHUI JESSICA, CA
[72] SPARLING, GRANT RUFUS, II, CA
[72] AL-JISHI, TAHA BASIM, SA
[72] BABU, VISHAL PRASANTH, CA
[72] BELLOW, SONDUS MOHAMMAD TOWFIK, SA
[72] PARK, SOMEE, CA
[72] PATEL, KRISHA JAY, CA
[72] RODJANAPICHES, ROD, CA
[72] SRIDHAREN, VIGNE, CA
[72] TANG, LISA, CA
[72] VIRJI, RAMEEZ MOEZ BADRUDIN VISRAM, CA
[73] ZHU, QIHUI JESSICA, CA
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[54] **PROCEDE DE GAZEIFICATION EN SANDWICH POUR UNE CONVERSION A HAUT RENDEMENT DE COMBUSTIBLES CARBONES POUR NETTOYER DU GAZ DE SYNTHESE A DECHARGE DE CARBONE RESIDUELLE NULLE**
[72] PATEL, NIKHIL MANUBHAI, US
[73] PATEL, NIKHIL MANUBHAI, US
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[72] MOERI, PETER, CH
[73] NESTEC S.A., CH
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[54] **ACIDE NUCLEIQUE ANTISENS**
[72] WATANABE, NAOKI, JP
[72] SATOU, YOUHEI, JP
[72] TAKEDA, SHIN'ICHI, JP
[72] NAGATA, TETSUYA, JP
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[54] **ERYTHROPOIETIN RECEPTOR MODIFIED ELECTRODE AND ITS PREPARATION METHOD AND APPLICATION**
[54] **ELECTRODE MODIFIEE DOTEE D'UN RECEPTEUR D'ERYTHROPOIETINE, SA METHODE DE PREPARATION ET SON APPLICATION**
[72] ZHANG, LIQUN, CN
[72] WANG, YUNXIA, CN
[72] FU, WEILING, CN
[73] FIRST AFFILIATED HOSPITAL, THIRD MILITARY MEDICAL UNIVERSITY, CHINESE PEOPLE'S LIBERATION ARMY, P.R. CHINA, CN
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[54] **ANTAGONISTE DU RECEPTEUR P2X4**
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[72] SAKUMA, SHOGO, JP
[72] IMAI, TOSHIYASU, JP
[72] INOUE, KAZUHIDE, JP
[73] NIPPON CHEMIPHAR CO., LTD., JP
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[54] **N-FULLERENE-ACIDES AMINES HYDRATES, PROCEDE DE PRODUCTION ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT**
[72] RASNETSOV, LEV DAVIDOVICH, RU
[72] SHVARTSMAN, LAKOV YUDELEVICH, RU
[72] SUVOROVA, OLGA NIKOLAEVNA, RU
[73] RASNETSOV, LEV DAVIDOVICH, RU
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[54] **OPACITY FILTER FOR SEE-THROUGH HEAD MOUNTED DISPLAY**
[54] **FILTRE D'OPACITE POUR VISIOCASQUE TRANSPARENT**
[72] BAR-ZEEV, AVI, US
[72] CROCCO, BOB, US
[72] KIPMAN, ALEX ABEN-ATHAR, US
[72] LEWIS, JOHN, US
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **COMPOSITION DESTINEE A MAINTENIR LA FONCTION PLAQUETTAIRE**
[72] ETO, KOJI, JP
[72] OHNISHI, RYOKO, JP
[72] NAKAUCHI, HIROMITSU, JP
[72] MURATA, TAKAHIKO, JP
[73] KAKEN PHARMACEUTICAL CO., LTD., JP
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[54] **CORPS POREUX ET SON PROCEDE DE PRODUCTION**
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[73] TORAY INDUSTRIES, INC., JP
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[54] **INJECTEUR DE TUBE SPIRALE A GLISSEMENT DE CHAINE LIMITE**
[72] MCCULLOCH, DAVID W., US
[72] STEFFENHAGEN, TIMOTHY S., US
[72] WHITE, WILLIAM B., US
[72] STEWART, WILLIAM G., US
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **METHODE ET APPAREIL POUR ANALYSER UN DOCUMENT**
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[72] JACHOWICZ, ANDRZEJ, US
[73] FREEDOM SOLUTIONS GROUP, LLC, US
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[72] KAMMERER, BERNHARD, AT
[73] FACC AG, AT
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[54] **PRODUIT INCLUANT UN FERMENT LACTIQUE ET UN DESHYDRATANT**
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[54] **METHOD FOR PRODUCING BASIC SUBSTANCE**
[54] **PROCEDE DE FABRICATION DE SUBSTANCE DE BASE**
[72] TAKESHITA, RYO, JP
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[73] AJINOMOTO CO., INC., JP
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[72] COBLER, BRAD A., US
[73] POLY-AMERICA, L.P., US
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[72] NAESS, HARALD, JR., NO
[72] ROEN, GEIR ATLE, NO
[73] NORSK HYDRO ASA, NO
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[54] **COMPRESSION DE MAILLES TRIANGULAIRES**
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[72] PANASYUK, EVGENY, RU
[73] VISUAL TECHNOLOGY SERVICES LIMITED, GB
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[54] **PROCEDE DE FACONNAGE DE RECIPIENTS A COMMANDE D'INDEXAGE EN ROTATION**
[72] ALLEN, KATHERINE, US
[72] ADAMS, JOHN E., US
[72] BIONDICH, SCOTT, US
[72] ESPINEL, R. KARINA, US
[72] KOLLS, H. BROCK, US
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[72] DIEFENTHAL, EDWARD L., US
[72] SCHLOSBERG, RICHARD H., US
[72] JORDAN, RICHARD D., US
[73] EPIC OIL EXTRACTORS, LLC, US
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[54] **PROCEDE DE PREPARATION D'UN FILTRE A PARTICULES CATALYSE ET FILTRE AINSI OBTENU**
[72] JOHANSEN, KELD, DK
[73] UMICORE AG & CO. KG, DE
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[72] TANI, SEIJI, JP
[72] MITSUMOTO, YASUHIRO, JP
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
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[54] **STEEL FIBRE FOR REINFORCING CONCRETE OR MORTAR HAVING AN ANCHORAGE END WITH AT LEAST TWO BENT SECTIONS**
[54] **FIBRE D'ACIER DESTINEE AU RENFORCEMENT DU BETON OU DU MORTIER, DOTEE D'UNE EXTREMITE D'ANCRAGE COMPRENANT AU MOINS DEUX SEGMENTS INCURVES**
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[72] VERVAECKE, FREDERIK, BE
[73] NV BEKAERT SA, BE
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[54] **GRAPHENE POWER, PRODUCTION METHOD THEREOF, AND ELECTROCHEMICAL DEVICE COMPRISING SAME**
[54] **POUDRE DE GRAPHENE, SON PROCEDE DE PRODUCTION ET DISPOSITIF ELECTROCHIMIQUE LA COMPRENANT**
[72] SUN, PEIYU, CN
[72] WU, ZHENQI, CN
[72] LIU, GANGQIAO, CN
[72] TAMAKI, EIICHIRO, JP
[72] KUBOTA, YASUO, JP
[72] WU, GANG, CN
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[54] **REVETEMENT BRILLANT APPLICABLE PAR AUTO-DEPOSITION PRESENTANT UN ASPECT AMELIORE ET SES PROCEDES D'APPLICATION**
[72] QIU, XUETING, CN
[72] SEKHARAN, MANESH NADUPPARAMBIL, US
[72] ABUSHANAB, OMAR, US
[72] FRISTAD, WILLIAM E., US
[72] KUMAR, GIRDHARI, US
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[54] **BOUCHON DESTINE A SCELLER UN RECIPIENT**
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[72] VENTURI, GILLES, FR
[73] BIO-RAD INNOVATIONS, FR
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[54] **STRUCTURE MODULAIRE A GEOMETRIE VARIABLE CONSTITUEE PAR DES CAISSONS THERMO-ACOUSTIQUES, EN PARTICULIER POUR DES BATIMENTS**
[72] CABONI, MICHELE, IT
[73] CABONI, MICHELE, IT
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[54] **APPAREIL DE PREVENTION DES LESIONS AU COU, DES LESIONS A LA COLONNE VERTEBRALE ET DES COMMOTIONS**
[72] JACKSON, KEVIN J., US
[73] JACKSON, KEVIN J., US
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[72] SRIVASTAVA, SATISH K., US
[72] RAMANA, KOTA V., US
[72] YADAV, UMESH, US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **COMPOSITIONS NEUTRALISANT LES MAUVAISES ODEURS COMPRENANT L'ACETATE DE BORNYLE OU L'ACETATE D'ISOBORNYLE**
[72] DENTE, STEPHEN V., US
[72] BASILE, KETRIN LEKA, US
[72] FIELDER, BRIAN, US
[72] JOHNSON, GARRY, US
[73] ROBERTET, INC., US
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[54] **TRANSFORMATEUR COMPORTANT UN CHASSIS DE NOYAU AVEC DES ORGANES D'INTERVERROUILLAGE**
[72] JOHNSON, CHARLES W., US
[73] ABB SCHWEIZ AG, CH
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[72] GRIND, STEVEN M., US
[72] KEEGAN, ANDREW M., US
[73] CASCADE DESIGNS, INC., US
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[54] **ASSISTANCE ELECTRIQUE MOTORISEE POUR POMPE A HUILE ELECTRIQUE DE TRANSMISSION**
[72] HIDEG, LASZLO, US
[72] FU, ZHENXING, US
[72] LIU, XIAODONG, CA
[72] PUIU, DUMITRU, US
[73] CHRYSLER GROUP LLC, US
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[54] **PHYLLOSILICATE-BASED COMPOSITIONS AND METHODS OF MAKING THE SAME FOR CATALYTIC PYROLYSIS OF BIOMASS**
[54] **COMPOSITIONS A BASE DE PHYLLOSILICATE ET LEURS PROCEDES DE FABRICATION POUR LA PYROLYSE CATALYTIQUE D'UNE BIOMASSE**
[72] BARTEK, ROBERT, US
[72] BRADY, MICHAEL, US
[72] STAMIRES, DENNIS, US
[73] INAERIS TECHNOLOGIES, LLC, US
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[54] **REFRACTORY MIXED-METAL OXIDES AND SPINEL COMPOSITIONS FOR THERMO-CATALYTIC CONVERSION OF BIOMASS**
[54] **OXYDES DE METAUX MIXTES REFRACTAIRES ET COMPOSITIONS DE SPINELLES POUR CONVERSION THERMOCATALYTIQUE DE BIOMASSE**
[72] BARTEK, ROBERT, US
[72] BRADY, MICHAEL, US
[72] STAMIRES, DENNIS, US
[73] INAERIS TECHNOLOGIES, LLC, US
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[54] **MULTISUBSTITUTED AROMATIC COMPOUNDS AS INHIBITORS OF THROMBIN**
[54] **COMPOSES AROMATIQUES MULTISUBSTITUES UTILISES COMME INHIBITEURS DE LA THROMBINE**
[72] SHORT, KEVIN MICHAEL, US
[72] PHAM, SON MINH, US
[72] WILLIAMS, DAVID CHARLES, US
[72] DATTA, SOMALEE, US
[73] VERSEON CORPORATION, US
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[54] **NOUVEAU DERIVE DE PHENYLPYRIDINE ET MEDICAMENT LE CONTENANT**
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[72] SATO, SEIICHI, JP
[72] YAMADA, HAJIME, JP
[72] TAGASHIRA, JUNYA, JP
[72] WATANABE, TOSHIAKI, JP
[72] SEKIMOTO, RYOHEI, JP
[72] ISHIDA, RIE, JP
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[54] **DICTIONNAIRE DES CODES DE DOMAINE DE CONVERSION DANS UN CODEUR ET DANS UN DECODEUR A CODAGE CELP**
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[73] VOICEAGE CORPORATION, CA
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[54] **IMPLANTS ORTHOPEDIQUES PERSONNALISES ET PROCEDES ASSOCIES**
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[73] ZIMMER, INC., US
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[54] **ENSEMBLE COMPOSE D'UN CONNECTEUR ENFICHABLE ET D'UNE CARTE IMPRIMEE**
[72] HENZLER, MAGNUS, DE
[73] ERNI PRODUCTION GMBH & CO. KG, DE
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[54] **METHODE DE FABRICATION DE LIQUIDES HYDROCARBONES**
[72] STUBBS, DAVID, GB
[72] MCCALLIEN, DUNCAN WILLIAM JOHN, GB
[73] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[54] **SUBSTITUTED CINNAMAMIDE DERIVATIVE, PREPARATION METHOD AND USE THEREOF**
[54] **DERIVE DE CINNAMAMIDE SUBSTITUE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] MA, XIAOHUI, CN
[72] JIN, YUANPENG, CN
[72] HAN, MIN, CN
[72] ZHOU, SHUIPING, CN
[72] ZHOU, WANGYI, CN
[72] LUO, XUEJUN, CN
[72] WANG, GUOCHENG, CN
[72] YAN, LULU, CN
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[54] **CODAGE D'INFORMATIONS MASQUEES DANS DES FREQUENCES LINEAIRES SPATIALES**
[72] CRISAN, SILVIU, CA
[72] GAUDREAU, MARC, CA
[72] RYGAS, TADEUSZ PIOTR, CA
[73] CANADIAN BANK NOTE COMPANY, LIMITED, CA
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[54] **METHOD AND ARRANGEMENT FOR GENERATING FRANKING IMPRINT DATA FOR A MAIL ITEM**
[54] **METHODE ET DISPOSITION DE PRODUCTION DE DONNEES D'IMPRESSION D'AFFRANCHISSEMENT POUR UN ARTICLE A POSTER**
[72] HEINRICH, CLEMENS, DE
[72] ROSENAU, DIRK, DE
[72] NICOLAI, KAI, DE
[73] FRANCOTYP-POSTALIA GMBH, DE
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[54] **COMMANDE DE LA FREQUENCE DE FONCTIONNEMENT D'UN MECANISME A CHOCS**
[72] KAINDLBAUER, STEFAN, AT
[73] TMT-BBG RESEARCH AND DEVELOPMENT GMBH, AT
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[54] **PANNEAU DE RUPTURE**
[72] WILSON, ALAN, US
[73] OKLAHOMA SAFETY EQUIPMENT COMPANY, INC., US
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[25] EN
[54] **LNG DISPENSER**
[54] **DISTRIBUTEUR DE GAZ NATUREL LIQUEFIE**
[72] LAMBRIX, SARAH ANN, US
[72] PAFFHAUSEN, CHAD ROBERT, US
[72] SIMON, ADAM KENNETH, US
[72] RATHBUN, JONATHAN M., US
[73] BPC ACQUISITION COMPANY, US
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[54] **PROCEDE DE PRODUCTION D'HUILE LUBRIFIANTE DE BASE A PARTIR D'HUILES RECUPEREES AUPRES D'UN SERVICE D'ENTRETIEN DE MOTEURS A COMBUSTION**
[72] MACDONALD, MARTIN R., US
[73] GEN III OIL CORPORATION, CA
[86] (2845173)
[87] (2845173)
[22] 2014-03-03
[30] US (61/774,027) 2013-03-07
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[54] **INDOOR AIR-CONDITIONER PROVIDED WITH AIR DEFLECTOR**
[54] **CLIMATISEUR INTERIEUR POURVU D'UN DEFLECTEUR D'AIR**
[72] SHANG, BIN, CN
[72] GU, TANGTANG, CN
[73] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
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[54] **POWER PLANT AND METHOD FOR GENERATING ELECTRICAL POWER**
[54] **CENTRALE ELECTRIQUE ET PROCEDE DE PRODUCTION D'ENERGIE ELECTRIQUE**
[72] ZWINKELS, ANDREW, DE
[73] LUMENION AG, CH
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[54] **SYSTEMES D'ECLAIRAGE DE PAYSAGE**
[72] MCGREGOR, JEAN TUCK, US
[72] BROUGHMAN, JAMES MICHAEL, US
[72] NELSON, ALLEN R., US
[72] MARK, DARREN MICHAEL, US
[72] ALEXANDER, LAURA WINFIELD, US
[72] MEVES, DONALD COLLINS, US
[73] LOWE'S COMPANIES, INC., US
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[54] **APPARATUS FOR COLLOIDAL MIXING OF SLURRIES**
[54] **APPAREIL DE MELANGE COLLOIDAL DE BOUES**
[72] ARBOUR, DENNIS M., CA
[73] AMIX SYSTEMS LTD, CA
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[54] **SYSTEME DE MISE EN PLACE DE VALVULE CARDIAQUE EQUIPE D'UN CATHETER DE VALVULE**
[72] BOURANG, HENRY, US
[72] LE, THANH HUY, US
[72] TAYLOR, DAVID M., US
[72] SOK, SAM, US
[72] IOBBI, MARIO, US
[72] KHANNA, RAJESH, US
[72] EVANS, DAVE J., US
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[54] **SYSTEMES ET PROCEDES DE MOULAGE**
[72] STONE, ASHLEY, DE
[73] STONE, ASHLEY, DE
[86] (2847995)
[87] (2847995)
[22] 2014-04-03
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[25] EN
[54] **A STATOR OF AN ELECTRICAL MACHINE AND AN ELECTRICAL MACHINE**
[54] **STATOR DE MACHINE ELECTRIQUE ET MACHINE ELECTRIQUE**
[72] PYRHONEN, JUHA, FI
[72] NERG, JANNE, FI
[72] JUSSILA, HANNE, FI
[72] ALEXANDROVA, YULIA, FI
[72] POLIKARPOVA, MARIA, FI
[72] SEMKEN, ROBERT SCOTT, FI
[72] ROYTTA, PEKKA, FI
[73] LAPPEENRANNAN TEKNILLINEN YLIOPISTO, FI
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[54] **CHROMENE COMPOUND AND CURABLE COMPOSITION**
[54] **COMPOSE DE CHROMENE ET COMPOSITION DURCISSABLE**
[72] SHIMIZU, YASUTOMO, JP
[72] IZUMI, SHINOBU, JP
[72] TAKENAKA, JUNJI, JP
[72] MOMODA, JUNJI, JP
[73] TOKUYAMA CORPORATION, JP
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[54] **COMPOSITIONS DE SOINS PERSONNELS COMPRENANT UN POLYMERE DE GUAR CATIONIQUE ET UN POLYMERE D'ACRYLAMIDE CATIONIQUE**
[72] JOHNSON, ERIC SCOTT, US
[72] STAUDIGEL, JAMES ANTHONY, US
[72] RENOCK, SEAN MICHAEL, US
[72] SCHUBERT, BETH ANN, US
[72] HAMERSKY, MARK WILLIAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **DETECTION DE SOCLE CHAUD DANS UN COMPTEUR ELECTRIQUE**
[72] SHUEY, KENNETH C., US
[72] MASON, ROBERT T., US
[73] ELSTER SOLUTIONS, LLC, US
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[54] **REDUCED GAUGE BOTTLE CAP**
[54] **CAPSULE DE BOUTEILLE DE CALIBRE REDUIT**
[72] FRISHMAN, ABE, US
[73] WORLD BOTTLING CAP, LLC, US
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[73] WORLD BOTTLING CAP, LLC, US
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[54] **UNITE DE LUMIERE A L'INTERIEUR D'UN VEHICULE**
[72] SOGA, HISASHI, JP
[72] SHIMODA, YUJI, JP
[72] OCHIAI, HIROSHI, JP
[73] KABUSHIKI KAISHA T AN T, JP
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[54] **METHOD FOR PRODUCING METAL FILTERS**
[54] **PROCEDE DE FABRICATION DE FILTRES METALLIQUES**
[72] SUZUKI, TAKAHIRO, JP
[72] KANBARA, HISASHIGE, JP
[72] KIKUHARA, YOSHIHITO, JP
[72] SUZUKI, KYOSUKE, JP
[73] HITACHI CHEMICAL COMPANY, LTD., JP
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[54] **METHOD OF AND DEVICE FOR GENERATING TRUE RANDOM NUMBERS AND A GAMING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE GENERATION DE NOMBRES REELLEMENT ALEATOIRES ET SYSTEME DE JEU**
[72] HOMER, ALOIS, AT
[73] NOVOMATIC AG, AT
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[54] **GAS TURBINE FACILITY**
[54] **INSTALLATION DE TURBINE A GAZ**
[72] IWAI, YASUNORI, JP
[72] ITOH, MASAO, JP
[72] SUZUKI, SHINJU, JP
[72] FETVEDT, JEREMY ERON, US
[72] ALLAM, RODNEY JOHN, GB
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[25] EN
[54] **COMPOSITION BASED ON UBIDECARENONE**
[54] **COMPOSITION A BASE D'UBIDECARENONE**
[72] CANAL, TIZIANA, IT
[72] FORTUNA, FULVIO, IT
[72] MENCINI, ELENA, IT
[73] ASOLTECH SRL, IT
[85] 2014-05-30
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[54] **CURVATURE RETAINING DEVICE FOR PLATE-SHAPED WORKPIECE, CURVATURE RETAINING METHOD FOR PLATE-SHAPED WORKPIECE, AND CURVATURE FORMING METHOD FOR PLATE-SHAPED WORKPIECE**
[54] **DISPOSITIF DE RETENUE DE COURBURE POUR PIECE EN FORME DE PLAQUE, PROCEDE DE RETENUE DE COURBURE POUR PIECE EN FORME DE PLAQUE ET PROCEDE DE FORMAGE DE COURBURE POUR PIECE EN FORME DE PLAQUE**
[72] KOZAKI, TAKASHI, JP
[72] FUKAMI, NORIAKI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **METHOD FOR OPERATING A WIND TURBINE OR A WIND FARM**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE EOLIENNE OU UN PARC EOLIEN**
[72] DE BOER, JOACHIM, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-06-10
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[54] **PROCEDE DE FABRICATION DE BOUE DE CHAUX**
[72] SCHEURMANN, CLARENCE III, US
[73] APPLIED SPECIALTIES, INC., US
[85] 2014-07-16
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[54] **ARBITRARY SAMPLE RATE CONVERSION FOR COMMUNICATION SYSTEMS**
[54] **CONVERSION DE TAUX D'ECHANTILLONNAGE ARBITRAIRE POUR SYSTEMES DE COMMUNICATION**
[72] HUANG, XIAOJING, AU
[72] GUO, YINGJIE JAY, AU
[72] ZHANG, JIAN, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[51] **Int.Cl. F04D 29/22 (2006.01) B02C 18/06 (2006.01) B26D 1/29 (2006.01) F04D 7/04 (2006.01)**
[25] EN
[54] **CUTTER SYSTEM FOR PUMP SUCTION**
[54] **SYSTEME DE COUPE POUR ASPIRATION DE POMPE**
[72] GARVIN, JAMES, US
[72] ENTERLINE, ANDREW, US
[72] SCHOENBRUN, STEVE J., US
[73] CORNELL PUMP COMPANY, US
[86] (2863245)
[87] (2863245)
[22] 2014-09-12
[30] US (61/877,598) 2013-09-13

[11] **2,864,474**
[13] C
[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/08 (2006.01) B23B 27/10 (2006.01)**
[25] EN
[54] **PARTING BLADE AND BLADE HOLDER CONFIGURED FOR CONVEYANCE OF PRESSURIZED COOLANT**
[54] **LAME DE SEPARATION ET SUPPORT DE LAME CONFIGURES POUR LE TRANSPORT DE REFRIGERANT SOUS PRESSION**
[72] MALKA, ASAF, IL
[72] GAL, DMITRY, IL
[72] ATHAD, SHIMON, IL
[73] ISCAR LTD., IL
[85] 2014-08-12
[86] 2013-02-11 (PCT/IL2013/050126)
[87] (WO2013/132480)
[30] US (61/607,366) 2012-03-06
[30] US (13/482,761) 2012-05-29
[30] US (61/738,865) 2012-12-18

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[51] **Int.Cl. C10G 11/18 (2006.01) B01J 8/08 (2006.01) B01J 8/26 (2006.01) C07C 1/20 (2006.01)**
[25] EN
[54] **A PROCESS FOR CATALYTIC CONVERSION OF LOW VALUE HYDROCARBON STREAMS TO LIGHT OLEFINS**
[54] **PROCEDE POUR LA CONVERSION CATALYTIQUE DE COURANTS D'HYDROCARBURE A FAIBLE VALEUR EN OLEFINES LEGERES**
[72] MANDAL, SUKUMAR, IN
[72] YADAV, MANOJ, IN
[72] PAREKH, AMITKUMAR, IN
[72] DAS, ASIT KUMAR, IN
[72] JAGUSTE, SHUBHANGI, IN
[72] CHINTHALA, PRAVEEN KUMAR, IN
[72] MARVE, MAHESH, IN
[72] SAPRE, AJIT, US
[72] RAVICHANDRAN, GOPAL, IN
[73] RELIANCE INDUSTRIES LTD., IN
[85] 2014-08-13
[86] 2012-04-20 (PCT/IN2012/000289)
[87] (WO2013/121433)
[30] IN (406/MUM/2012) 2012-02-14

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[51] **Int.Cl. B65D 77/04 (2006.01)**
[25] EN
[54] **PALLET CONTAINER**
[54] **CONTENEUR-PALETTE**
[72] PRZYTULLA, DIETMAR, DE
[73] MAUSER-WERKE GMBH, DE
[85] 2014-08-20
[86] 2013-02-19 (PCT/EP2013/000477)
[87] (WO2013/124051)
[30] DE (20 2012 001 726.8) 2012-02-20

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[13] C
[51] **Int.Cl. A61F 9/007 (2006.01) A61F 9/00 (2006.01) A61L 31/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TREATMENT OF RETINAL DETACHMENT AND OTHER MALADIES OF THE EYE**
[54] **DISPOSITIF ET METHODE DESTINES A TRAITER LE DECOLLEMENT DE LA RETINE ET AUTRES MALADIES DE L'□IL**
[72] SCHACHAR, IRA H., US
[72] SCHACHAR, RONALD A., US
[73] SCHACHAR, IRA H., US
[73] SCHACHAR, RONALD A., US
[85] 2014-08-21
[86] 2013-02-21 (PCT/US2013/027016)
[87] (WO2013/126498)
[30] US (61/601,582) 2012-02-22

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[13] C
[51] **Int.Cl. G01N 27/82 (2006.01) G01V 3/08 (2006.01)**
[25] EN
[54] **FAULT DETECTION FOR PIPELINES**
[54] **DETECTION DES DEFAILLANCES POUR DES PIPELINES**
[72] FREEAR, STEVEN, GB
[72] VARCOE, BEN, GB
[72] COWELL, DAVID MATTHEW JOSEPH, GB
[72] STAPLES, STEPHEN GEORGE HENRY, GB
[72] VO, CHAU, GB
[73] SPEIR HUNTER LTD., GB
[85] 2014-09-02
[86] 2013-03-01 (PCT/GB2013/050526)
[87] (WO2013/128212)
[30] GB (1203717.2) 2012-03-02

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[13] C
[51] **Int.Cl. G01D 5/353 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL TRANSDUCER WITH INTEGRATED FEEDTHROUGH**
[54] **TRANSDUCTEUR OPTIQUE AVEC CONNEXION D'INTERFACE INTEGREE**
[72] DUNPHY, JAMES R., US
[72] GRUNBECK, JOHN J., US
[72] BOEMMELS, BRYAN, US
[72] DAIGLE, GUY, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-09-03
[86] 2013-03-08 (PCT/US2013/030002)
[87] (WO2013/134707)
[30] US (61/608,569) 2012-03-08

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[13] C
[51] **Int.Cl. H01R 25/14 (2006.01)**
[25] EN
[54] **CONNECTOR HAVING A PUSH-IN TERMINATION FOR AN ELECTRICALLY ACTIVE GRID**
[54] **CONNECTEUR COMPORTANT UNE TERMINAISON A ENFONCER POUR GRILLE ELECTRIQUEMENT ACTIVE**
[72] KESWANI, SUSHIL N., US
[73] IDEAL INDUSTRIES, INC., US
[85] 2014-07-31
[86] 2013-03-08 (PCT/US2013/029910)
[87] (WO2013/134659)
[30] US (13/416,472) 2012-03-09
[30] US (13/724,730) 2012-12-21

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[13] C
[51] **Int.Cl. B64C 9/18 (2006.01)**
[25] EN
[54] **HIGH-LIFT DEVICE OF AIR VEHICLE**
[54] **DISPOSITIF HYPERSUSTENTATEUR DESTINE A UN VEHICULE AERIEN**
[72] ISOTANI, KAZUHIDE, JP
[72] HAYAMA, KENJI, JP
[73] THE SOCIETY OF JAPANESE AEROSPACE COMPANIES, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[85] 2014-09-10
[86] 2013-03-29 (PCT/JP2013/002174)
[87] (WO2013/145774)
[30] JP (2012-077712) 2012-03-29

[11] **2,869,091**
[13] C
[51] **Int.Cl. F21V 11/00 (2015.01) F21S 8/08 (2006.01)**
[25] EN
[54] **TOWER LIGHT SHIELD**
[54] **PROTECTEUR D'ECLAIRAGE POUR TOUR**
[72] POWELL, MIKE, CA
[73] BCE INC., CA
[86] (2869091)
[87] (2869091)
[22] 2014-10-30

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[13] C
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/40 (2006.01) F23J 15/02 (2006.01)**
[25] EN
[54] **DRY PROCESSES, APPARATUS, COMPOSITIONS AND SYSTEMS FOR REDUCING SULFUR OXIDES AND HCI**
[54] **PROCEDES A SEC, APPAREIL, COMPOSITIONS ET SYSTEMES POUR LA REDUCTION D'OXYDES DE SOUFRE ET D'HCI**
[72] SMYRNIOTIS, CHRISTOPHER R., US
[72] SCHULZ, KENT W., US
[72] RIVERA, EMELITO P., US
[72] FANG, MINGMING, US
[72] SARATOVSKY, IAN, US
[73] FUEL TECH, INC., US
[85] 2014-09-30
[86] 2013-04-01 (PCT/US2013/034807)
[87] (WO2013/149241)
[30] US (61/618,233) 2012-03-30

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[51] **Int.Cl. E21B 33/068 (2006.01) E21B 33/14 (2006.01) E21B 43/10 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **TELEMETRY OPERATED BALL RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION DE BOULET ACTIONNE PAR TELEMETRIE**
[72] TURLEY, ROCKY A., US
[72] CAMPBELL, R0BIN L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2869839)
[87] (2869839)
[22] 2014-11-04
[30] US (14/083,046) 2013-11-18

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[13] C
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/258 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR REAL-TIME TRANSMUXING OF STREAMING MEDIA CONTENT**
[54] **PROCEDES ET SYSTEMES POUR MULTIPLEXER PAR TRANSCODAGE EN TEMPS REEL UN CONTENU MULTIMEDIA DE DIFFUSION EN CONTINU**
[72] MYERS, ROBERT, CA
[72] RANGANATHAN, PARASURAM, CA
[72] CHVETS, IVAN, CA
[72] PAKULSKI, KRZYSZTOF, CA
[73] ARRIS CANADA, INC., CA
[85] 2014-10-09
[86] 2013-04-10 (PCT/CA2013/000340)
[87] (WO2013/152426)
[30] US (13/445,361) 2012-04-12

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[13] C
[51] **Int.Cl. C12N 5/0775 (2010.01) C12N 5/071 (2010.01) A61P 9/00 (2006.01)**
[25] EN
[54] **TREHALOSE-CONTAINING MAMMALIAN CELL SUSPENSION FOR PREVENTION OF PULMONARY EMBOLISM FORMATION**
[54] **SUSPENSION DE CELLULES DE MAMMIFERE CONTENANT DU TREHALOSE DESTINEE A LA PREVENTION DE LA FORMATION D'UNE EMBOLIE PULMONAIRE**
[72] WADA, TAMAKI, JP
[72] DOI, MASAKO, JP
[72] KIKUCHI, TAKESHI, JP
[72] KOBAYASHI, EIJI, JP
[73] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2014-11-03
[86] 2013-05-02 (PCT/JP2013/002925)
[87] (WO2013/168403)
[30] JP (2012-106866) 2012-05-08

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[13] C
[51] **Int.Cl. G01N 21/39 (2006.01)**
[25] EN
[54] **EXTRACTIVE CONTINUOUS AMMONIA MONITORING SYSTEM**
[54] **SYSTEME DE CONTROLE D'AMMONIAC EN CONTINU PAR EXTRACTION**
[72] CARMIGNANI, PAUL G., US
[72] BOYLE, JOHN M., US
[72] MAYHEW, SCOTT M., US
[73] FUEL TECH, INC., US
[85] 2014-11-05
[86] 2013-05-09 (PCT/US2013/040361)
[87] (WO2013/170039)
[30] US (61/645,330) 2012-05-10

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[13] C
[51] **Int.Cl. A47C 1/032 (2006.01)**
[25] EN
[54] **CHAIR WITH PIVOT FUNCTION AND METHOD OF MAKING**
[54] **CHAISE DOTEE D'UNE FONCTION DE PIVOTEMENT ET PROCEDE DE FABRICATION DE LADITE CHAISE**
[72] MACHAEL, JAY R., US
[72] ASCHBRENNER, EVAN T., US
[72] TRACY, DANIEL W., JR., US
[72] HECTOR, ANDREW B., US
[73] HNI TECHNOLOGIES INC., US
[85] 2014-11-20
[86] 2013-05-21 (PCT/US2013/042044)
[87] (WO2013/177175)
[30] US (13/479,054) 2012-05-23

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[13] C
[51] **Int.Cl. G01R 33/26 (2006.01) G01V 3/32 (2006.01)**
[25] EN
[54] **DOWNHOLE ALL-OPTICAL MAGNETOMETER SENSOR**
[54] **SONDE DE MAGNETOMETRE TOUT OPTIQUE DE FOND DE TROU**
[72] STOKELY, CHRISTOPHER LEE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-24
[86] 2013-03-19 (PCT/US2013/032917)
[87] (WO2014/003859)
[30] US (13/532,538) 2012-06-25

[11] **2,875,214**
[13] C
[51] **Int.Cl. B66C 19/00 (2006.01) B65G 67/60 (2006.01)**
[25] EN
[54] **SYSTEM FOR LOADING AND UNLOADING DURING PORT OPERATIONS, COMPRISING A CRANE, AND A BASE LOCATED IN THE BODY OF THE CRANE THAT SUPPORTS AND STACKS HATCHWAY COVERS**
[54] **SYSTEME DE CHARGEMENT ET DECHARGEMENT PENDANT DES OPERATIONS PORTUAIRES, COMPRENANT UN APPAREIL DE LEVAGE ET UNE BASE SITUEE SUR L'OSSATURE DE L'APPAREIL DE LEVAGE QUI SUPPORTE ETEMPILE LES PORTES DE TRAPPE**
[72] BOBENRIETH GIGLIO, GUILLERMO, CL
[73] BOBENRIETH GIGLIO, GUILLERMO, CL
[85] 2014-12-12
[86] 2013-05-02 (PCT/CL2013/000027)
[87] (WO2013/163774)
[30] CL (201201183) 2012-05-04

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[13] C
[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **A CAPACITIVE WETNESS SENSOR AND METHOD FOR MANUFACTURING THE SAME**
[54] **CAPTEUR D'HUMIDITE CAPACITIF ET PROCEDE DE FABRICATION ASSOCIE**
[72] CURRAN, PETER, AU
[72] BARDA, DAVID ALBERT, AU
[72] BLACK, DON, AU
[72] PHILLIPS, BRADLEY JOHN, AU
[72] KOTLARSKI, PETER, AU
[72] OLKKONEN, JUUSO TUOMAS, FI
[72] MATTILA, TOMI JUHA PETTERI, FI
[73] FRED BERGMAN HEALTHCARE PTY LTD, AU
[85] 2014-01-08
[86] 2012-07-31 (PCT/AU2012/000900)
[87] (WO2013/016765)
[30] US (61/513,734) 2011-08-01

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[13] C
[51] **Int.Cl. C12N 15/10 (2006.01)**
[25] EN
[54] **MASSIVELY PARALLEL COMBINATORIAL GENETICS**
[54] **GENETIQUE COMBINATOIRE MASSIVEMENT PARALLELE**
[72] LU, TIMOTHY KUAN-TA, US
[72] CHENG, ALLEN, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2014-12-24
[86] 2013-06-28 (PCT/US2013/048619)
[87] (WO2014/005042)
[30] US (61/666,081) 2012-06-29

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[11] **2,880,504**
[13] C
[51] **Int.Cl. H04N 21/235 (2011.01) H04N 21/435 (2011.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR PROCESSING A BROADCAST SIGNAL INCLUDING AN INTERACTIVE BROADCAST SERVICE**
[54] **PROCEDE ET APPAREIL POUR TRAITER UN SIGNAL DE DIFFUSION CONTENANT UN SERVICE DE RADIODIFFUSION INTERACTIVE**
[72] KIM, KYUNGHO, KR
[72] THOMAS, GOMER, US
[72] AN, SEUNGJOO, KR
[72] KIM, JINPIL, KR
[72] OH, SEJIN, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-01-29
[86] 2013-08-07 (PCT/KR2013/007130)
[87] (WO2014/025207)
[30] US (61/680,279) 2012-08-07

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[11] **2,881,082**
[13] C
[51] **Int.Cl. A63F 1/06 (2006.01)**
[25] EN
[54] **PACKING BOX FOR SHUFFLED PLAYING CARDS**
[54] **BOITE D'EMBALLAGE POUR DES CARTES A JOUER MELANGEES**
[72] SHIGETA, YASUSHI, JP
[73] ANGEL PLAYING CARDS CO., LTD., JP
[85] 2015-02-05
[86] 2012-12-17 (PCT/JP2012/008036)
[87] (WO2014/024239)
[30] JP (2012-182741) 2012-08-05

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[13] C
[51] **Int.Cl. B65D 71/36 (2006.01) B65D 5/468 (2006.01)**
[25] EN
[54] **CARTON WITH CARRYING HANDLE AND BLANK THEREFOR**
[54] **CARTON DOTE D'UNE POIGNEE DE TRANSPORT ET DECOUPE ASSOCIEE**
[72] RAMSUER, BRANDON L, US
[73] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2015-02-11
[86] 2013-08-31 (PCT/US2013/057746)
[87] (WO2014/036536)
[30] US (61/696,259) 2012-09-03

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[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/136 (2014.01) H04N 19/14 (2014.01) H04N 19/176 (2014.01) H04N 19/20 (2014.01) H04N 19/597 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF INTERLAYER TEXTURE PREDICTION**
[54] **PROCEDE ET APPAREIL DE PREDICTION DE TEXTURE INTERCOUCHE**
[72] CHUANG, TZU-DER, CN
[72] CHEN, ZHENZHONG, US
[72] LIU, SHAN, US
[72] CHEN, CHING-YEH, CN
[72] HSU, CHIH-WEI, CN
[73] MEDIATEK INC., CN
[85] 2015-02-19
[86] 2013-07-30 (PCT/CN2013/080415)
[87] (WO2014/029261)
[30] US (61/692,438) 2012-08-23

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[13] C
[51] **Int.Cl. B60P 3/20 (2006.01)**
[25] EN
[54] **LOADING SPACE VARIABLE REFRIGERATION SYSTEM OF REFRIGERATOR VEHICLE**
[54] **SYSTEME DE REFRIGERATION VARIABLE D'ESPACE DE CHARGEMENT D'UN VEHICULE REFRIGERATEUR**
[72] LEE, HYUN-SOO, CA
[72] KIM, A-GI, KR
[73] LEE, HYUN-SOO, CA
[73] KIM, A-GI, KR
[85] 2015-02-26
[86] 2014-10-29 (PCT/KR2014/010241)
[87] (WO2016/068357)

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[13] C
[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **AUCTIONING MECHANISMS FOR DARK ORDER BLOCK TRADING**
[54] **MECANISMES DE VENTE AUX ENCHERES POUR VENTE DE BLOCS DE TITRES A COMMANDE AU NOIR**
[72] SUMINSKI, ALICIA, FR
[72] DONY, ANAIS FABIENNE CHRISTIANE, FR
[73] NYSE EURONEXT HOLDINGS LLC, US
[86] (2883257)
[87] (2883257)
[22] 2015-02-24
[30] US (14/191,765) 2014-02-27

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[13] C
[51] **Int.Cl. E06B 7/14 (2006.01)**
[25] EN
[54] **WATER-STOPPING MEMBER AND OUTER WALL STRUCTURE**
[54] **ELEMENT D'ETANCHEISATION ET STRUCTURE DE MUR EXTERIEUR**
[72] WATANABE, HIROAKI, JP
[73] NICHIHA CORPORATION, JP
[86] (2884612)
[87] (2884612)
[22] 2015-03-11
[30] JP (JP2014-163001) 2014-08-08

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[13] C
[51] **Int.Cl. C07C 323/39 (2006.01) A61K 9/127 (2006.01) A61K 31/165 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COLCHICINE DERIVATIVES**
[54] **DERIVES DE COLCHICINE**
[72] YANG, LI-XI, US
[73] SUTTER WEST BAY HOSPITALS, US
[73] CATHOLIC HEALTHCARE WEST, DOING BUSINESS AS ST. MARY'S MEDICAL CENTER, US
[86] (2884664)
[87] (2884664)
[22] 2004-04-14
[62] 2,521,990
[30] US (10/414,076) 2003-04-14

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[51] **Int.Cl. H04N 13/139 (2018.01) G06T 13/20 (2011.01) H04N 21/80 (2011.01) H04N 19/597 (2014.01) H04N 13/211 (2018.01) G06T 15/00 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONVERTING 2D MOTION PICTURES FOR STEREOSCOPIC 3D EXHIBITION**
[54] **PROCEDES ET SYSTEMES DE CONVERSION D'IMAGES CINEMATOGRAPHIQUES 2D POUR UNE REPRESENTATION STEREOSCOPIQUE 3D**
[72] ZHOU, SAMUEL, CA
[72] JUDKINS, PAUL, CA
[72] YE, PING, CA
[73] IMAX CORPORATION, CA
[86] (2884702)
[87] (2884702)
[22] 2007-06-25
[62] 2,653,815
[30] US (60/816,272) 2006-06-23

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[13] C
[51] **Int.Cl. E04F 21/20 (2006.01) E04F 13/14 (2006.01) E04F 15/08 (2006.01)**
[25] EN
[54] **BOARD/TILE SPACER AND ASSOCIATED PACKAGE ASSEMBLY**
[54] **ESPACEUR PLAQUE/TUILE ET ENSEMBLE D'EMBALLAGE ASSOCIE**
[72] ANDERSON, RONALD SCOTT, CA
[73] THE HILLMAN GROUP, INC., US
[86] (2885090)
[87] (2885090)
[22] 2015-03-17
[30] US (14/449,863) 2014-08-01

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[13] C
[51] **Int.Cl. C12N 1/00 (2006.01) C05F 5/00 (2006.01) C12N 1/20 (2006.01) C12P 5/02 (2006.01) D21C 5/00 (2006.01)**
[25] EN
[54] **COMPLEX MICROBIAL FLORA AND APPLICATION THEREOF**
[54] **FLORE MICROBIENNE COMPLEXE ET SON APPLICATION**
[72] JIA, PING, CN
[73] BEIJING TIAN'AN BIOSCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2015-03-17
[86] 2013-09-16 (PCT/CN2013/001081)
[87] (WO2014/040380)
[30] CN (201210341453.1) 2012-09-17
[30] CN (201210341485.1) 2012-09-17
[30] CN (201210341519.7) 2012-09-17

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[13] C
[51] **Int.Cl. B01J 31/02 (2006.01) A62D 3/02 (2007.01) B01J 19/12 (2006.01) B01J 35/04 (2006.01) B01J 37/02 (2006.01) B82B 3/00 (2006.01) C02F 3/00 (2006.01) C07C 1/12 (2006.01) C07C 39/26 (2006.01) C07D 301/22 (2006.01) C07G 1/00 (2011.01) C08F 10/00 (2006.01) C08F 12/00 (2006.01) C08F 14/00 (2006.01) C08F 18/00 (2006.01) C08F 20/00 (2006.01) C12N 9/02 (2006.01) C12N 11/14 (2006.01) C12P 7/00 (2006.01)**
[25] EN
[54] **ENZYMES FORMING MESOPOROUS ASSEMBLIES EMBEDDED IN MACROPOROUS SCAFFOLDS**
[54] **ENZYMES FORMANT DES ENSEMBLES MESOPOREUX INTEGRES DANS DES ECHAFAUDAGES MACROPOREUX**
[72] CORGIE, STEPHANE C., US
[72] DUAN, XIAONAN, US
[72] GIANNELIS, EMMANUEL, US
[72] ANESHANSLEY, DANIEL, US
[72] WALKER, LARRY P., US
[73] CORNELL UNIVERSITY, US
[85] 2015-03-19
[86] 2013-10-04 (PCT/US2013/063441)
[87] (WO2014/055853)
[30] US (61/710,110) 2012-10-05
[30] US (61/767,477) 2013-02-21

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[13] C
[51] **Int.Cl. C09K 8/04 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **WATER-BASED DRILLING FLUID WITH CYCLODEXTRIN SHALE STABILIZER**
[54] **FLUIDE DE FORAGE A BASE D'EAU AVEC STABILISANT DE SCHISTE A BASE DE CYCLODEXTRINE**
[72] WAGLE, VIKRANT BHAVANISHANKAR, IN
[72] KULKARNI, DHANASHREE GAJANAN, IN
[72] MUTHUSAMY, RAMESH, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-20
[86] 2013-11-05 (PCT/US2013/068395)
[87] (WO2014/074473)
[30] US (13/670,636) 2012-11-07

[11] **2,889,412**
[13] C
[51] **Int.Cl. B65G 59/00 (2006.01) B65G 59/06 (2006.01)**
[25] EN
[54] **PALLET CHECKER**
[54] **VERIFICATEUR DE PALETTE**
[72] RAHMAN, STEVEN ALLEN, US
[72] OPSAHL, SCOTT, US
[72] ROSA, MARK, US
[73] CANNON EQUIPMENT LLC, US
[86] (2889412)
[87] (2889412)
[22] 2015-04-27
[30] US (61/985,239) 2014-04-28
[30] US (14/695,581) 2015-04-24

[11] **2,891,635**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **MARKERS FOR BRAIN DAMAGE**
[54] **MARQUEURS POUR DES LESIONS CEREBRALES**
[72] LADENSON, JACK, US
[72] LANDT, YVONNE, US
[72] MODUR, VIJAY, US
[72] LATERZA, OMAR, US
[73] WASHINGTON UNIVERSITY, US
[86] (2891635)
[87] (2891635)
[22] 2005-06-27
[62] 2,571,445
[30] US (60/582,998) 2004-06-25

[11] **2,891,680**
[13] C
[51] **Int.Cl. H05B 3/84 (2006.01)**
[25] EN
[54] **PANE WITH ELECTRICAL CONNECTION ELEMENT AND COMPENSATOR PLATES**
[54] **PANNEAU COMPORTANT UN ELEMENT DE RACCORD ELECTRIQUE ET PLAQUES DE COMPENSATEUR**
[72] RATEICZAK, MITJA, DE
[72] REUL, BERNHARD, DE
[72] SCHMALBUCH, KLAUS, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2015-05-14
[86] 2013-07-18 (PCT/EP2013/065175)
[87] (WO2014/079595)
[30] EP (12193521.7) 2012-11-21

[11] **2,892,117**
[13] C
[51] **Int.Cl. E04B 2/74 (2006.01)**
[25] EN
[54] **WALL PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX MURAUX**
[72] KOPISH, ANDREW J., US
[72] WITTL, ROBERT M., US
[72] DART, MARK D., US
[72] LAFLEUR, TIMOTHY J., US
[72] QUINTAL, NATHAN A., US
[73] KRUEGER INTERNATIONAL, INC., US
[86] (2892117)
[87] (2892117)
[22] 2015-05-20
[30] US (14/663,964) 2015-03-20

[11] **2,892,260**
[13] C
[51] **Int.Cl. H04W 12/02 (2009.01) H04W 8/20 (2009.01) H04W 8/24 (2009.01)**
[25] EN
[54] **SECURITY FOR MOBILE COMMUNICATIONS DEVICE**
[54] **MESURE DE SECURITE POUR DISPOSITIF DE COMMUNICATION MOBILE**
[72] ROBERTSON, IAN M., CA
[73] BLACKBERRY LIMITED, CA
[86] (2892260)
[87] (2892260)
[22] 2004-07-20
[62] 2,475,180
[30] GB (0317118.8) 2003-07-22

[11] **2,893,056**
[13] C
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 4/10 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING ASSEMBLY HAVING A HYDRAULICALLY ACTUATED CLUTCH AND METHOD FOR USE OF SAME**
[54] **ENSEMBLE DE FORAGE DE FOND POSSEDANT UN EMBRAYAGE A COMMANDE HYDRAULIQUE ET SON PROCEDE D'UTILISATION**
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[72] AGARWAL, PUNEET, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-27
[86] 2012-12-29 (PCT/US2012/072207)
[87] (WO2014/105072)

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[13] C
[51] **Int.Cl. G02F 1/1343 (2006.01) G02B 3/12 (2006.01)**
[25] EN
[54] **DOUBLE-LAYER ELECTRODE FOR ELECTRO-OPTIC LIQUID CRYSTAL LENS**
[54] **ELECTRODE BICOUCHE POUR UNE LENTILLE ELECTRO-OPTIQUE A CRISTAUX LIQUIDES**
[72] DUSTON, DWIGHT, US
[72] VAN HEUGTEN, ANTHONY, US
[72] LI, LIWEI, US
[72] BOS, PHIL, US
[72] BRYANT, DOUGLAS, US
[73] E-VISION SMART OPTICS, INC., US
[73] KENT STATE UNIVERSITY, US
[85] 2015-06-09
[86] 2013-12-23 (PCT/US2013/077467)
[87] (WO2014/105814)
[30] US (61/746,754) 2012-12-28

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[13] C
[51] **Int.Cl. H04N 21/236 (2011.01) H04N 21/434 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING BROADCAST SIGNALS, AND APPARATUS AND METHOD FOR RECEIVING BROADCAST SIGNALS, USING PREAMBLE SIGNALS INSERTED IN TIME DOMAIN**
[54] **APPAREIL ET METHODE DE TRANSMISSION DE SIGNAUX TELEDIFFUSES ET APPAREIL ET METHODE DE RECEPTION DE SIGNAUX TELEDIFFUSES, EMPLOYANT DES SIGNAUX DE PREAMBULE INSERES DANS LE DOMAINETEMPOREL**
[72] KIM, BYOUNGGILL, KR
[72] KIM, WOOCHAN, KR
[72] KIM, JAEHYUNG, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] MUN, CHULKYU, KR
[72] CHOI, JINYONG, KR
[72] HWANG, JAEHO, KR
[72] BAEK, JONGSEOB, KR
[72] KWAK, KOOKYEON, KR
[72] JEONG, BYEONGKOOK, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-06-10
[86] 2014-01-16 (PCT/KR2014/000477)
[87] (WO2014/112806)
[30] US (61/753,871) 2013-01-17
[30] US (61/809,412) 2013-04-07
[30] US (61/839,372) 2013-06-26

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[11] **2,895,305**
[13] C
[51] **Int.Cl. E21B 7/02 (2006.01)**
[25] EN
[54] **TRANSPORTABLE DRILLING RIG SYSTEM**
[54] **SYSTEME D'APPAREIL DE FORAGE PORTATIF**
[72] KORACH, DONOVAN, US
[73] NABORS INDUSTRIES, INC., US
[86] (2895305)
[87] (2895305)
[22] 2015-06-25
[30] US (14/463,428) 2014-08-19

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[11] **2,895,793**
[13] C
[51] **Int.Cl. E21B 47/007 (2012.01) E21B 47/008 (2012.01)**
[25] EN
[54] **STRESS CALCULATIONS FOR SUCKER ROD PUMPING SYSTEMS**
[54] **CALCULS DE CONTRAINTES POUR DES SYSTEMES D'EXPLOITATION PAR POMPAGE**
[72] PONS, VICTORIA, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2895793)
[87] (2895793)
[22] 2015-06-29
[30] US (62/019,742) 2014-07-01

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[11] **2,896,473**
[13] C
[51] **Int.Cl. C10B 39/14 (2006.01) B61B 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING QUENCHED COKE RECOVERY**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA RECUPERATION DE COKE REFROIDI**
[72] QUANCI, JOHN FRANCIS, US
[72] GILL, MATT WILLIAM, US
[72] RODGERS, BRADLEY THOMAS, US
[72] VICHITVONGSA, KHAMBATH, US
[72] CHOI, CHUN WAI, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC., US
[85] 2015-06-25
[86] 2012-12-28 (PCT/US2012/072166)
[87] (WO2014/105061)

[11] **2,896,652**
[13] C
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 21/08 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **HYDRAULIC ACTIVATION OF MECHANICALLY OPERATED BOTTOM HOLE ASSEMBLY TOOL**
[54] **ACTIONNEMENT HYDRAULIQUE D'OUTIL D'ENSEMBLE DE FOND DE TROU MECANIQUE**
[72] MAGEREN, OLIVIER, BE
[72] CHE, KHAC NGUYEN, BE
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-25
[86] 2014-01-24 (PCT/US2014/012928)
[87] (WO2014/116934)
[30] US (61/756,617) 2013-01-25

[11] **2,897,935**
[13] C
[51] **Int.Cl. C08F 255/04 (2006.01) C08F 2/44 (2006.01) C08F 291/02 (2006.01) C08L 33/10 (2006.01) C08L 51/00 (2006.01) C08L 51/04 (2006.01)**
[25] EN
[54] **GRAFT COPOLYMER, THERMOPLASTIC RESIN COMPOSITION, AND MOLDED ARTICLE OF SAID RESIN COMPOSITION**
[54] **COPOLYMERE GREFFE, COMPOSITION DE RESINE THERMOPLASTIQUE, ET ARTICLE MOULE DE LADITE COMPOSITION DE RESINE**
[72] TAO, KOUSAKU, JP
[72] NII, RISA, JP
[72] SHINOHARA, YOSHIAKI, JP
[72] HASE, NOBUTAKA, JP
[73] UMG ABS, LTD., JP
[73] MITSUBISHI CHEMICAL CORPORATION, JP
[85] 2015-07-10
[86] 2014-02-14 (PCT/JP2014/053518)
[87] (WO2014/126215)
[30] JP (2013-028130) 2013-02-15
[30] JP (2013-028360) 2013-02-15
[30] JP (2013-028361) 2013-02-15
[30] JP (2013-028362) 2013-02-15
[30] JP (2014-018864) 2014-02-03
[30] JP (2014-018865) 2014-02-03

[11] **2,898,164**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD FOR ESTABLISHING BI-DIRECTIONAL MESSAGING COMMUNICATIONS WITH WIRELESS DEVICES AND WITH REMOTE LOCATIONS OVER A NETWORK**
[54] **METHODE D'ETABLISSEMENT DE COMMUNICATIONS PAR MESSAGERIE BIDIRECTIONNELLE AVEC DISPOSITIFS SANS FIL ET EMPLACEMENTS ELOIGNES SUR UN RESEAU**
[72] FERNANDEZ, JORGE DAMASO, CA
[72] PAUL, MICHAEL BERKELEY, CA
[73] CANAMEX CORPORATION, CA
[86] (2898164)
[87] (2898164)
[22] 2009-05-11
[62] 2,665,803
[30] US (61/071,717) 2008-05-14

[11] **2,898,336**
[13] C
[51] **Int.Cl. B65D 19/16 (2006.01)**
[25] EN
[54] **PALLET WITH SINGLE LAYER TOP DECK HAVING INSERTS THEREIN AND RELATED METHODS**
[54] **PALETTE DOTEE D'UNE PLATEFORME SUPERIEURE MONOCOUCHE COMPORTANT DES INSERTIONS INTEGREES ET METHODES ASSOCIEES**
[72] LANTZ, DAN, US
[72] BRANDT, KEN, US
[72] LUNDQUIST, CHRISTOPHER SCOTT, US
[72] ANDERSON, DAVID PAUL, III, US
[73] CHEP TECHNOLOGY PTY LIMITED, AU
[85] 2015-07-15
[86] 2013-12-18 (PCT/US2013/076024)
[87] (WO2014/116374)
[30] US (13/750,314) 2013-01-25

[11] **2,898,699**
[13] C
[51] **Int.Cl. B64C 25/40 (2006.01) B64C 25/36 (2006.01)**
[25] EN
[54] **AIRCRAFT TIRE**
[54] **PNEU D'AERONEF**
[72] YOSHIDA, TAKASHI, JP
[73] DAITO PRESS MFG. CO., LTD., JP
[86] (2898699)
[87] (2898699)
[22] 2015-07-28
[30] JP (2014-171669) 2014-08-26

[11] **2,899,619**
[13] C
[51] **Int.Cl. B60B 1/02 (2006.01) B62K 3/00 (2006.01)**
[25] EN
[54] **BICYCLE WHEEL**
[54] **ROUE DE BICYCLETTE**
[72] CHEN, I-TEH, CN
[72] HSU, CHE-WEI, CN
[72] SU, HUI-YUAN, CN
[73] GIANT MANUFACTURING CO., LTD., TW
[86] (2899619)
[87] (2899619)
[22] 2015-08-04
[30] TW (103127281) 2014-08-08

[11] **2,900,004**
[13] C
[51] **Int.Cl. G01N 23/046 (2018.01)**
[25] EN
[54] **EXTENDED FIELD ITERATIVE RECONSTRUCTION TECHNIQUE (EFIRT) FOR CORRELATED NOISE REMOVAL**
[54] **TECHNIQUE DE RECONSTRUCTION ITERATIVE DE CHAMP ETENDU (EFIRT) DESTINEE A UNE SUPPRESSION DE BRUITS CORRELES**
[72] MAHMOOD, FAISAL, JP
[72] OFVERSTEDT, LARS-GORAN WALLENTIN, JP
[72] SKOGLUND, BO ULF, JP
[73] OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY SCHOOL CORPORATION, JP
[85] 2015-07-31
[86] 2014-03-05 (PCT/JP2014/001214)
[87] (WO2014/141630)
[30] US (61/779,116) 2013-03-13

[11] **2,900,236**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM AND WIRELESS TERMINAL DEVICE**
[54] **SYSTEME DE COMMUNICATION SANS FIL ET DISPOSITIF TERMINAL SANS FIL**
[72] ODE, TAKAYOSHI, JP
[73] FUJITSU LIMITED, JP
[86] (2900236)
[87] (2900236)
[22] 2006-11-10
[62] 2,668,705

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[11] **2,900,634**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **METHODS FOR MEASURING HIGH MOLECULAR WEIGHT COMPLEXES OF FIBRINOGEN WITH FIBRONECTIN AND FIBULIN-1**
[54] **PROCEDE DE MESURE DE COMPLEXES DE POIDS MOLECULAIRE ELEVE FORMES A PARTIR DU FIBRINOGENE AVEC DE LA FIBRONECTINE ET DE LA FIBULINE-1**
[72] NAYAK, RAMESH C., US
[73] MSDX, INC., US
[85] 2015-08-07
[86] 2013-02-08 (PCT/US2013/025388)
[87] (WO2013/119986)
[30] US (13/370,757) 2012-02-10

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[11] **2,902,083**
[13] C
[51] **Int.Cl. G01F 1/60 (2006.01) G01F 15/06 (2006.01)**
[25] EN
[54] **BATTERYLESS SIGNAL TRANSMITTER HAVING A WIEGAND SENSOR FOR GAS OR WATER METERS**
[54] **CAPTEUR DE SIGNAUX SANS BATTERIE POURVU D'UN CAPTEUR WIEGAND POUR COMPTEURS DE GAZ OU D'EAU**
[72] EFIMOV, GEORGE, DE
[72] MIXNER, MICHAEL, DE
[73] HENGSTLER GMBH, DE
[85] 2015-08-21
[86] 2014-01-25 (PCT/EP2014/000202)
[87] (WO2014/131486)
[30] DE (10 2013 003 190.7) 2013-02-26

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[13] C
[51] **Int.Cl. F01L 3/14 (2006.01) F01L 3/20 (2006.01)**
[25] EN
[54] **HOLLOW POPPET VALVE**
[54] **SOUPAPE-CHAMPIGNON CREUSE**
[72] TSUNEISHI, OSAMU, JP
[72] ISHIHARA, NAOYA, JP
[73] NITTAN VALVE CO., LTD., JP
[85] 2015-09-01
[86] 2013-03-14 (PCT/JP2013/057133)
[87] (WO2014/141416)

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[11] **2,903,900**
[13] C
[51] **Int.Cl. H04S 3/00 (2006.01) G10L 19/008 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MULTICHANNEL DIRECT-AMBIENT DECOMPOSITION FOR AUDIO SIGNAL PROCESSING**
[54] **APPAREIL ET PROCEDE POUR UNE DECOMPOSITION MULTI CANAL DE NIVEAU AMBIANT/DIRECT EN VUE D'UN TRAITEMENT DU SIGNAL AUDIO**
[72] UHLE, CHRISTIAN, DE
[72] HABETS, EMANUEL, DE
[72] GAMPP, PATRICK, DE
[72] KRATZ, MICHAEL, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-09-03
[86] 2013-10-23 (PCT/EP2013/072170)
[87] (WO2014/135235)
[30] US (61/772,708) 2013-03-05

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[13] C
[51] **Int.Cl. D21F 1/00 (2006.01) D21F 3/02 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL FABRIC COMPRISING AN EXTRUDED MESH AND METHOD OF MAKING THEREOF**
[54] **TISSU INDUSTRIEL COMPRENANT UNE MAILLE EXTRUDEE ET SON PROCEDE DE FABRICATION**
[72] HANSEN, ROBERT A., US
[73] ALBANY INTERNATIOANL CORP., US
[85] 2015-09-11
[86] 2014-03-11 (PCT/US2014/023355)
[87] (WO2014/150476)
[30] US (13/834,638) 2013-03-15

[11] **2,907,978**
[13] C
[51] **Int.Cl. C08L 23/10 (2006.01)**
[25] EN
[54] **STIFF POLYPROPYLENE COMPOSITION SUITABLE FOR PRIMERLESS PAINTING**
[54] **COMPOSITION DE POLYPROPYLENE RIGIDE APPROPRIEE A LA PEINTURE SANS APPRET**
[72] GRESTENBERGER, GEORG, AT
[72] KNIESEL, CLAUDIA, AT
[72] MILEVA, DANIELA, AT
[72] GLOGER, DIETRICH, AT
[73] BOREALIS AG, AT
[85] 2015-09-24
[86] 2014-05-15 (PCT/EP2014/059912)
[87] (WO2014/191211)
[30] EP (13170001.5) 2013-05-31

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[13] C
[51] **Int.Cl. H01M 8/1004 (2016.01)**
[25] EN
[54] **METHOD OF MANUFACTURING MEMBRANE ELECTRODE ASSEMBLY**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF D'ELECTRODE A MEMBRANE**
[72] TSUBOSAKA, KENJI, JP
[72] YOSHIKAWA, HIROO, JP
[72] NISHIDA, TSUNEMASA, JP
[72] MIZUTANI, NOBUAKI, JP
[72] SAITOU, TAKEAKI, JP
[72] NAKANISHI, JUNJI, JP
[72] HAMANO, MASATO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2908258)
[87] (2908258)
[22] 2015-10-09
[30] JP (2014-226632) 2014-11-07

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[11] **2,908,294**
[13] C
[51] **Int.Cl. G01F 1/74 (2006.01) C22B 5/02 (2006.01) F27B 1/20 (2006.01) F27D 3/00 (2006.01) F27D 3/10 (2006.01) G01F 1/76 (2006.01) G05D 7/06 (2006.01) B65G 53/66 (2006.01) G01G 11/08 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR FEEDING FEED MATERIAL FROM A BIN FOR FEED MATERIAL INTO A FURNACE SPACE OF A SMELTING FURNACE**
[54] **PROCEDE ET AGENCEMENT POUR INTRODUIRE UN MATERIAU D'ALIMENTATION A PARTIR D'UN SILO POUR MATERIAU D'ALIMENTATION DANS UN ESPACE DE FOUR D'UN FOUR DE FUSION**
[72] LAANINEN, AKI, FI
[72] MIETTINEN, ELLI, FI
[72] BJORKLUND, PETER, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-09-28
[86] 2014-04-07 (PCT/FI2014/050241)
[87] (WO2014/167176)
[30] FI (20135334) 2013-04-08

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[11] **2,908,420**
[13] C
[51] **Int.Cl. A61L 31/00 (2006.01) A61K 9/00 (2006.01) A61K 31/337 (2006.01) A61K 31/436 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **DRUG COATING LAYER**
[54] **COUCHE D'ENROBAGE DE MEDICAMENT**
[72] YAMASHITA, KEIKO, JP
[72] GOTOU, HIROSHI, JP
[72] NOZAWA, SHIGENORI, JP
[72] MORIMOTO, KATSUMI, JP
[72] KASUKAWA, HIROAKI, JP
[73] TERUMO KABUSHIKI KAISHA, JP
[85] 2015-09-29
[86] 2014-04-01 (PCT/JP2014/059665)
[87] (WO2014/163091)
[30] JP (2013-076434) 2013-04-01

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[11] **2,908,712**
[13] C
[51] **Int.Cl. B01J 20/06 (2006.01) B01D 53/52 (2006.01) C01G 49/00 (2006.01)**
[25] EN
[54] **HIGHLY ACTIVE NANO IRON CATALYST FOR THE ABSORPTION OF HYDROGEN SULFIDE**
[54] **NANOCATALYSEUR DE FER HAUTEMENT ACTIF POUR L'ABSORPTION DE SULFURE D'HYDROGENE**
[72] IRURZUN, VERONICA M., US
[72] FARHA, FLOYD E., US
[73] NEW TECHNOLOGY VENTURES, INC., US
[85] 2015-10-01
[86] 2014-06-18 (PCT/US2014/042849)
[87] (WO2014/205026)
[30] US (13/921,600) 2013-06-19

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[11] **2,909,730**
[13] C
[51] **Int.Cl. G06F 3/0488 (2013.01)**
[25] EN
[54] **EVENT RECOGNITION BY DEVICE WITH TOUCH-SENSITIVE DISPLAY USING MULTIPLE GESTURE RECOGNIZERS**
[54] **RECONNAISSANCE D'EVENEMENT PAR UN DISPOSITIF DOTE D'UN AFFICHEUR TACTILE A L'AIDE DE MECANISMES DE RECONNAISSANCE DE GESTES MULTIPLES**
[72] MOORE, BRADFORD ALLEN, US
[72] SHAFFER, JOSHUA H., US
[73] APPLE INC., US
[86] (2909730)
[87] (2909730)
[22] 2010-03-12
[62] 2,817,890
[30] US (61/210,332) 2009-03-16
[30] US (12/566,660) 2009-09-24

[11] **2,910,165**
[13] C
[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/0295 (2006.01)**
[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR MONITORING RESPIRATION WITH PHOTOPLETHYSMOGRAPHY**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE SURVEILLANCE DE LA RESPIRATION PAR PHOTOPLETHYSMOGRAPHIE**
[72] STAHL, MICHAEL, US
[73] XHALE, INC., US
[85] 2015-10-22
[86] 2014-04-24 (PCT/US2014/035217)
[87] (WO2014/176386)
[30] US (61/815,490) 2013-04-24

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[13] C
[51] **Int.Cl. E21B 47/024 (2006.01) E21B 7/06 (2006.01)**
[25] EN
[54] **DYNAMIC GEO-STATIONARY ACTUATION FOR A FULLY-ROTATING ROTARY STEERABLE SYSTEM**
[54] **ACTIONNEMENT GEOSTATIONNAIRE DYNAMIQUE POUR UN SYSTEME ORIENTABLE ENTIEREMENT ROTATIF**
[72] GAJJI, BHARGAV, IN
[72] GAIKWAD, RAHUL R., IN
[72] KADAM, RATISH, IN
[72] PUROHIT, ANKIT, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-28
[86] 2013-06-04 (PCT/US2013/044015)
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[54] **APPARATUS AND METHOD FOR PRODUCING FUEL CELL SEPARATOR ASSEMBLY**
[54] **APPAREIL ET PROCEDE PERMETTANT DE PRODUIRE UN ENSEMBLE SEPARATEUR DE PILE A COMBUSTIBLE**
[72] OKAMOTO, NAOKI, JP
[72] SHIMIZU, AKIRA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-11-16
[86] 2014-04-08 (PCT/JP2014/060221)
[87] (WO2014/185193)
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[25] EN
[54] **BANDWIDTH METERING IN LARGE-SCALE NETWORKS**
[54] **MESURE DES LARGEURS DE BANDE DANS LES RESEAUX A GRANDE ECHELLE**
[72] FURR, MICHAEL BROOKE, US
[72] HENDRIE, CHRISTOPHER IAN, US
[72] MILLER, KEVIN CHRISTOPHER, US
[72] MURPHY, RYAN DAVID, US
[72] SHANTHARAJ, SANDEEP, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-11-16
[86] 2014-05-21 (PCT/US2014/039023)
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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TREATMENT OF DAMAGED TISSUE**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT DE TISSU ENDOMMAGE**
[72] HU, DEAN, US
[72] PINTO, MOSHE, US
[72] FONG, KENTON, US
[73] SPIRACUR INC., US
[86] (2912889)
[87] (2912889)
[22] 2009-02-13
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[30] US (61/028,835) 2008-02-14

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[51] **Int.Cl. F03B 17/02 (2006.01) B63B 21/00 (2006.01) F03B 13/26 (2006.01) F03B 17/06 (2006.01)**
[25] EN
[54] **POWER GENERATING SYSTEMS**
[54] **SYSTEMES DE PRODUCTION D'ENERGIE**
[72] HAWTHORNE, MATTHEW, GB
[73] TIDAL GENERATION LIMITED, GB
[85] 2015-11-23
[86] 2014-05-08 (PCT/GB2014/051407)
[87] (WO2014/199120)
[30] GB (1310237.1) 2013-06-09

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[51] **Int.Cl. A44C 21/00 (2006.01) G06K 19/07 (2006.01) G07F 1/06 (2006.01)**
[25] EN
[54] **CHIP WITH INSERT INCLUDING AN ELECTRONIC MICROCHIP**
[54] **PUCE DOTEE D'UNE INSERTION RENFERMANT UNE MICROPUCE ELECTRONIQUE**
[72] CHAPET, PIERRE, FR
[72] CHARLIER, GERARD, FR
[73] GAMING PARTNERS INTERNATIONAL, US
[86] (2913464)
[87] (2913464)
[22] 2005-11-09
[62] 2,553,949

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[51] **Int.Cl. A61M 25/00 (2006.01) A61F 5/44 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **A CATHETER DEVICE**
[54] **DISPOSITIF CATHETER**
[72] TANGHOJ, ALLAN, DK
[72] JENSEN, LARS BOGELUND, DK
[73] COLOPLAST A/S, DK
[86] (2913627)
[87] (2913627)
[22] 2002-06-28
[62] 2,761,360
[30] DK (PA 2001 01041) 2001-06-29
[30] US (09/893,514) 2001-06-29
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[30] US (10/026,819) 2001-12-27
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[25] EN
[54] **PREDICTING PROPERTIES OF WELL BORE TREATMENT FLUIDS**
[54] **PREVISION DE PROPRIETES DE FLUIDES DE TRAITEMENT DE PUITS DE FORAGE**
[72] ALBRIGHTON, LUCAS D., US
[72] KENNEDY, HERRON J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-26
[86] 2014-07-16 (PCT/US2014/046860)
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[30] US (13/945,136) 2013-07-18

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[51] **Int.Cl. G09B 23/30 (2006.01) G09B 9/00 (2006.01)**
[25] EN
[54] **MODULAR PATIENT SIMULATING MANNEQUIN AND METHOD THEREOF**
[54] **MANNEQUIN DE SIMULATION DE PATIENT MODULAIRE ET PROCEDE ASSOCIE**
[72] JACOBY, JEFFERY, US
[72] COTE, YANICK, CA
[72] GALIBOIS, MICHEL, CA
[73] CAE HEALTHCARE CANADA INC., CA
[85] 2015-12-08
[86] 2014-04-04 (PCT/CA2014/000331)
[87] (WO2014/205540)
[30] US (61/841,305) 2013-06-29
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[51] **Int.Cl. G10L 19/005 (2013.01) G10L 19/09 (2013.01) G10L 25/90 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVED SIGNAL FADE OUT IN DIFFERENT DOMAINS DURING ERROR CONCEALMENT**
[54] **APPAREIL ET PROCEDE POUR L'AFFAIBLISSEMENT GRADUEL AMELIORE DE SIGNAL DANS DIFFERENTS DOMAINES PENDANT UN MASQUAGE D'ERREUR**
[72] SCHNABEL, MICHAEL, DE
[72] MARKOVIC, GORAN, DE
[72] SPERSCHNEIDER, RALPH, DE
[72] LECOMTE, JEREMIE, DE
[72] HELMRICH, CHRISTIAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-12-09
[86] 2014-06-23 (PCT/EP2014/063177)
[87] (WO2014/202790)
[30] EP (13173154.9) 2013-06-21
[30] EP (14166998.6) 2014-05-05

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[51] **Int.Cl. B65D 81/24 (2006.01) B65D 5/42 (2006.01) B65D 25/34 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL PACKAGING MATERIAL**
[54] **MATERIAU D'EMBALLAGE ANTIMICROBIEN**
[72] KELLER, SAMUEL F., US
[72] FONTAINE, ALAN, US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-12-16
[86] 2014-07-15 (PCT/US2014/046613)
[87] (WO2015/009670)
[30] US (61/846,960) 2013-07-16

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[13] C
[51] **Int.Cl. F23L 9/02 (2006.01) F23C 6/04 (2006.01)**
[25] EN
[54] **COMBUSTION DEVICE WITH AFTER-AIR PORT HAVING PRIMARY AND SECONDARY NOZZLES**
[54] **APPAREIL DE COMBUSTION A ORIFICE D'ECHAPPEMENT D'AIR DOTE DE BUSES PRIMAIRE ET SECONDAIRE**
[72] KIYAMA, KENJI, JP
[72] SHIMOGORI, MIKI, JP
[72] MINE, TOSHIHIKO, JP
[72] TADAKUMA, SATOSHI, JP
[72] OCHI, KENICHI, JP
[72] KURAMASHI, KOJI, JP
[72] OCHI, YUSUKE, JP
[72] BABA, AKIRA, JP
[72] KONDO, YUKI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[85] 2015-12-22
[86] 2014-07-08 (PCT/JP2014/068201)
[87] (WO2015/005350)
[30] JP (2013-143617) 2013-07-09

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[13] C
[51] **Int.Cl. H04N 21/23 (2011.01) H04N 7/08 (2006.01)**
[25] EN
[54] **SIGNAL TRANSMISSION DEVICE AND METHOD FOR CONTROLLING SAME**
[54] **DISPOSITIF D'EMISSION DE SIGNAL ET SON PROCEDE DE COMMANDE**
[72] KANG, DONGHYUN, KR
[72] MOON, KYOUNGSOO, KR
[72] OH, SEJIN, KR
[72] KIM, JINPIL, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-01-04
[86] 2014-08-20 (PCT/KR2014/007724)
[87] (WO2015/030412)
[30] US (61/870,789) 2013-08-28

[11] **2,917,481**
[13] C
[51] **Int.Cl. A61B 5/103 (2006.01) G06T 7/11 (2017.01) G06T 5/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHOD TO DIAGNOSE CUTANEOUS LESION, DIAGNOSTIC APPARATUS USED FOR THE SAME METHOD, AND MEDIUM STORING PROGRAM ASSOCIATED WITH THE SAME METHOD**
[54] **PROCEDE DE TRAITEMENT D'IMAGES POUR DIAGNOSTIQUER UNE LESION CUTANEE, APPAREIL DIAGNOSTIQUE UTILISE POUR LEDIT PROCEDE ET SUPPORT D'ENREGISTREMENT DE PROGRAMME ASSOCIE AUDIT PROCEDE**
[72] NAKAJIMA, MITSUYASU, JP
[73] CASIO COMPUTER CO., LTD., JP
[86] (2917481)
[87] (2917481)
[22] 2016-01-13
[30] JP (2015-054328) 2015-03-18

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[13] C
[51] **Int.Cl. E05B 13/10 (2006.01) E05B 55/12 (2006.01) E05C 1/16 (2006.01)**
[25] EN
[54] **LOCK MECHANISM WITH EGRESS RELEASE**
[54] **MECANISME DE VERROU A LIBERATION DE SORTIE**
[72] MURPHY, NATHANAEL SILAS, US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2016-01-05
[86] 2014-07-07 (PCT/US2014/045623)
[87] (WO2015/003189)
[30] US (61/843,304) 2013-07-05

[11] **2,918,102**
[13] C
[51] **Int.Cl. B60K 26/00 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **REMOTE THROTTLE CONTROL FOR A THROTTLE TRIGGER OF A VEHICLE**
[54] **TELECOMMANDE D'ACCELERATEUR D'UNE COMMANDE D'ACCELERATEUR D'UN VEHICULE**
[72] DESJARLAIS, MATTHEW G., CA
[73] MATTCO ENTERPRISES LTD., CA
[86] (2918102)
[87] (2918102)
[22] 2016-01-15

[11] **2,918,929**
[13] C
[51] **Int.Cl. C01B 39/02 (2006.01)**
[25] FR
[54] **ZEOLITE MATERIAL MADE FROM MESOPOROUS ZEOLITE**
[54] **MATERIAU ZEOLITHIQUE A BASE DE ZEOLITHE MESOPOREUSE**
[72] BOUVIER, LUDIVINE, FR
[72] LUTZ, CECILE, FR
[72] PERSILLON, QUITTERIE, FR
[72] NICOLAS, SERGE, FR
[72] LECOMTE, YVAN, FR
[73] ARKEMA FRANCE, FR
[85] 2016-01-20
[86] 2014-08-04 (PCT/FR2014/052029)
[87] (WO2015/019014)
[30] FR (13 57763) 2013-08-05

[11] **2,919,080**
[13] C
[51] **Int.Cl. H04S 3/00 (2006.01) G10L 19/008 (2013.01)**
[25] EN
[54] **MULTI-CHANNEL AUDIO DECODER, MULTI-CHANNEL AUDIO ENCODER, METHODS, COMPUTER PROGRAM AND ENCODED AUDIO REPRESENTATION USING A DECORRELATION OF RENDERED AUDIO SIGNALS**
[54] **DECODEUR AUDIO MULTIVOIE, CODEUR AUDIO MULTIVOIE, PROCEDES, PROGRAMME INFORMATIQUE ET REPRESENTATION AUDIO CODEE UTILISANT UNE DECORRELATION DE SIGNAUX AUDIO RENDUS**
[72] DISCH, SASCHA, DE
[72] FUCHS, HARALD, DE
[72] HELLMUTH, OLIVER, DE
[72] HERRE, JURGEN, DE
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] RIDDERBUSCH, FALKO, DE
[72] TERENTIV, LEON, DE
[73] FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-01-22
[86] 2014-07-17 (PCT/EP2014/065397)
[87] (WO2015/011015)
[30] EP (13177374.9) 2013-07-22
[30] EP (13189345.5) 2013-10-18
[30] EP (14161611.0) 2014-03-25

[11] **2,919,274**
[13] C
[51] **Int.Cl. B66B 9/00 (2006.01) B66B 7/02 (2006.01) B66B 7/06 (2006.01) B66B 11/00 (2006.01)**
[25] EN
[54] **SYSTEM HAVING A PLURALITY OF ELEVATOR CABS AND COUNTERWEIGHTS THAT MOVE INDEPENDENTLY IN DIFFERENT SECTIONS OF A HOISTWAY**
[54] **SYSTEME COMPRENANT UNE PLURALITE DE CABINES D'ASCENSEUR ET DE CONTREPOIDS QUI SE DEPLACENT INDEPENDAMMENT DANS DIFFERENTES SECTIONS D'UNE CAGE D'ASCENSEUR**
[72] JACOBS, JUSTIN, US
[73] SMART LIFTS, LLC, US
[85] 2016-01-25
[86] 2014-07-25 (PCT/US2014/048308)
[87] (WO2015/013684)
[30] US (13/952,528) 2013-07-26

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[13] C
[51] **Int.Cl. C09J 167/02 (2006.01)**
[25] EN
[54] **POLYESTER RESIN, HOT MELT ADHESIVE, AND HOT MELT ADHESIVE SOLUTION**
[54] **RESINE POLYESTER, ADHESIF THERMOFUSIBLE, ET SOLUTION ADHESIVE THERMOFUSIBLE**
[72] SAKAKIBARA, TERU, JP
[72] MAEDA, KOJI, JP
[72] NUMAMOTO, YUSUKE, JP
[73] GOO CHEMICAL CO., LTD., JP
[85] 2016-01-26
[86] 2013-07-30 (PCT/JP2013/004613)
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[13] C
[51] **Int.Cl. G01F 1/58 (2006.01)**
[25] EN
[54] **IMPROVED MAGNETIC CORE CONFIGURATION FOR MAGNETIC FLOWMETERS**
[54] **CONFIGURATION AMELIOREE DE NOYAU MAGNETIQUE POUR DEBITMETRES MAGNETIQUES**
[72] ROGERS, STEVEN BRUCE, US
[72] MAYER, MICHAEL JOHN, US
[72] MESSENGER, SAMUEL ETHAN, US
[72] MIKOLICHECK, MICHAEL JEFFREY, US
[73] MICRO MOTION, INC., US
[85] 2016-01-28
[86] 2014-08-25 (PCT/US2014/052464)
[87] (WO2015/047617)
[30] US (14/038,296) 2013-09-26

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[13] C
[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/364 (2014.01)**
[25] EN
[54] **IMPROVEMENTS IN SECURITY DEVICES**
[54] **AMELIORATIONS APPORTAES A DES DISPOSITIFS DE SECURITE**
[72] LISTER, ADAM, GB
[72] COMMANDER, LAWRENCE, GB
[73] DE LA RUE INTERNATIONAL LIMITED, GB
[86] (2920038)
[87] (2920038)
[22] 2008-10-31
[62] 2,705,278
[30] GB (0722687.1) 2007-11-19

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[51] **Int.Cl. F16D 65/12 (2006.01) F16D 65/092 (2006.01)**
[25] EN
[54] **FRICTION RING BODY FOR A RAIL WHEEL BRAKE AND RAIL WHEEL BRAKE**
[54] **CORPS DE BAGUE DE FRICTION POUR UN FREIN DE ROUE FERROVIAIRE ET FREIN DE ROUE FERROVIAIRES**
[72] KRAUSE, HENRIK, DE
[72] WURTH, SEBASTIAN, DE
[72] MEHLAN, ANDREAS, DE
[73] FAIVELEY TRANSPORT WITTEN GMBH, DE
[85] 2016-02-01
[86] 2014-06-24 (PCT/EP2014/063291)
[87] (WO2015/014542)
[30] DE (20 2013 103 487.8) 2013-08-02

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[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/14 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **REVERSE CIRCULATION CEMENTING SYSTEM FOR CEMENTING A LINER**
[54] **SYSTEME DE CIMENTATION A CIRCULATION INVERSEE DESTINE A LA CIMENTATION D'UNE CHEMISE**
[72] SEVADJIAN, EMILE, US
[72] KOHN, GARY, US
[72] STAUTZENBERGER, ARTHUR, US
[72] NOFFKE, RICHARD, US
[72] HARTMAN, GRANT, US
[72] MADDUX, STEPHEN, US
[72] DAIGLE, ODEE, US
[72] HUMPHREY, RYAN, US
[72] MATUS, DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-09
[86] 2013-10-09 (PCT/US2013/064018)
[87] (WO2015/038171)
[30] US (PCT/US2013/059324) 2013-09-11

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[13] C
[51] **Int.Cl. A61K 35/766 (2015.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ONCOLYTIC RHABDOVIRUS**
[54] **RHABDOVIRUS ONCOLYTIQUE**
[72] STOJDL, DAVID, CA
[72] BROWN, CHRISTOPHER, CA
[72] BELL, JOHN, CA
[73] OTTAWA HOSPITAL RESEARCH INSTITUTE, CA
[86] (2921048)
[87] (2921048)
[22] 2007-09-17
[62] 2,663,034
[30] US (60/844,726) 2006-09-15

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[51] **Int.Cl. A61M 5/142 (2006.01) A61J 1/06 (2006.01) A61M 5/168 (2006.01)**
[25] EN
[54] **INFUSION PUMP SYSTEM WITH DISPOSABLE CARTRIDGE HAVING PRESSURE VENTING AND PRESSURE FEEDBACK**
[54] **DISPOSITIF DE POMPE A INFUSION DOTE D'UNE CARTOUCHE JETABLE A AERATION DE PRESSION ET RETROACTION DE PRESSION**
[72] BROWN, DAVID, US
[72] BURESON, BRIAN, US
[72] DABROW, CHRISTOPHER, US
[72] DIPERNA, PAUL M., US
[72] FARNAN, JASON, US
[72] KINCADE, DAN, US
[72] KRUSE, GEOFFREY A., US
[72] LAMB, PHIL, US
[72] MICHAUD, MICHAEL, US
[72] NADWORNY, JOHN, US
[72] RIEGER, KATHRYN, US
[72] ROSINKO, MIKE, US
[72] SAINT, SEAN, US
[72] SUNDEM, STUART, US
[72] TREVASKIS, WILLIAM, US
[72] ULRICH, THOMAS R., US
[72] VERHOEF, ERIK, US
[72] WILLIAMSON, MARK, US
[73] TANDEM DIABETES CARE, INC., US
[86] (2921304)
[87] (2921304)
[22] 2010-07-29
[62] 2,769,030
[30] US (61/230,061) 2009-07-30

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[51] **Int.Cl. F24D 3/00 (2006.01) F24D 3/18 (2006.01) F24D 19/10 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING WHETHER HOT WATER IS USED DURING HEATING OF AN AIR HANDLER SYSTEM**
[54] **PROCEDE PERMETTANT DE DETERMINER, PAR UN SYSTEME DE TRAITEMENT D'AIR, SI DE L'EAU CHAUDE EST UTILISEE DURANT UN CHAUFFAGE**
[72] HEO, CHANG HEOI, KR
[72] SHIN, SEUNG HWAN, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2016-02-18
[86] 2014-07-22 (PCT/KR2014/006633)
[87] (WO2015/030371)
[30] KR (10-2013-0101626) 2013-08-27

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[13] C
[51] **Int.Cl. G05B 19/18 (2006.01) B23Q 15/12 (2006.01) G05B 19/416 (2006.01)**
[25] EN
[54] **METHOD FOR ADJUSTING THE ENERGY CONSUMPTION OF TWO TOOLS DURING THE MACHINING OF PIPE SECTION ENDS**
[54] **PROCEDE D'AJUSTEMENT DE LA CONSOMMATION D'ENERGIE DE DEUX OUTILS LORS DE L'USINAGE DES EXTREMITES DE TRONCONS DE TUBES**
[72] RATTUNDE, ULRICH, DE
[73] RATTUNDE & CO GMBH, DE
[85] 2016-02-24
[86] 2014-08-27 (PCT/EP2014/068158)
[87] (WO2015/028502)
[30] DE (10 2013 109 407.4) 2013-08-29

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[13] C
[51] **Int.Cl. G21C 7/10 (2006.01)**
[25] EN
[54] **REACTIVITY CONTROL METHOD AND TELESCOPED CONTROL ROD FOR PEBBLE-BED HIGH-TEMPERATURE GAS-COOLED REACTOR**
[54] **PROCEDE DE REGULATION DE LA REACTIVITE D'UN REACTEUR A LIT DE BOULETS A HAUTE TEMPERATURE ET REFROIDI AU GAZ, ET BARRE DE COMMANDE TELESCOPIQUE**
[72] ZHANG, ZUOYI, CN
[72] DIAO, XINGZHONG, CN
[72] ZHANG, ZHENGMING, CN
[72] SUN, LIBIN, CN
[72] YAN, HE, CN
[73] TSINGHUA UNIVERSITY, CN
[85] 2016-03-02
[86] 2014-09-03 (PCT/CN2014/085811)
[87] (WO2015/032316)
[30] CN (201310395436.0) 2013-09-03

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[13] C
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR POST-STACK NOISE MITIGATION**
[54] **PROCEDE DE POST-REDUCTION DU BRUIT D'UNE SOMMATION DE TRACES**
[72] DOBIN, MARK W., US
[72] LI, GUO-SHI, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-03-07
[86] 2014-09-15 (PCT/US2014/055691)
[87] (WO2015/065604)
[30] US (61/897,025) 2013-10-29

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[13] C
[51] **Int.Cl. H04W 36/00 (2009.01) H04W 80/10 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SETUP OF A CIRCUIT SWITCHED CALL DURING CIRCUIT SWITCHED FALLBACK**
[54] **PROCEDE ET APPAREIL D'ETABLISSEMENT D'UN APPEL PAR COMMUTATION DE CIRCUIT PENDANT UN REPLI PAR COMMUTATION DE CIRCUIT**
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[72] WIRTANEN, JEFFREY WILLIAM, CA
[73] BLACKBERRY LIMITED, CA
[85] 2016-03-08
[86] 2014-07-09 (PCT/CA2014/000554)
[87] (WO2015/035494)
[30] US (14/024,144) 2013-09-11

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[51] **Int.Cl. A23G 1/00 (2006.01) A23G 1/30 (2006.01) A23G 1/40 (2006.01)**
[25] EN
[54] **SPHERICAL PARTICLE, AND FOOD SUSPENSIONS AND CONSUMABLE MASSES HAVING SPHERICAL PARTICLES**
[54] **PARTICULE SPHERIQUE, AINSI QUE SUSPENSIONS ALIMENTAIRES ET COMPOSITIONS CONSOMMABLES CONTENANT DES PARTICULES SPHERIQUES**
[72] WINDHAB, ERICH JOSEF, CH
[72] STRAHL, PATRICK, CH
[72] HANSELMANN, WILLIAM, LI
[73] BUHLER AG, CH
[85] 2016-03-11
[86] 2014-10-01 (PCT/EP2014/071050)
[87] (WO2015/049292)
[30] EP (13186911.7) 2013-10-01

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[13] C
[51] **Int.Cl. E05B 47/02 (2006.01) A47F 3/04 (2006.01) F25D 23/02 (2006.01)**
[25] EN
[54] **ELECTRIC DOOR LOCK SYSTEM FOR REFRIGERATED DISPLAY CASES**
[54] **SYSTEME DE VERROUILLAGE DE PORTE ELECTRIQUE POUR VITRINES REFRIGEREES**
[72] CARBAJAL, FRANK J., US
[72] ROLEK, MATTHEW, US
[73] ANTHONY, INC., US
[86] (2924395)
[87] (2924395)
[22] 2006-10-30
[62] 2,566,077
[30] US (11/521,983) 2006-09-15

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[11] **2,924,445**
[13] C
[51] **Int.Cl. E21B 37/00 (2006.01) C09K 8/02 (2006.01)**
[25] EN
[54] **USE OF NANOPARTICLES IN CLEANING WELL BORES**
[54] **UTILISATION DE NANOPARTICULES DANS LE NETTOYAGE DES PUITS DE FORAGE**
[72] MARR, ALAN WILLIAM, GB
[72] HALL, LEE JEREMY, US
[72] LIVANEC, PHILIP WAYNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-14
[86] 2014-10-28 (PCT/US2014/062599)
[87] (WO2015/065992)
[30] US (14/068,901) 2013-10-31

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[11] **2,924,717**
[13] C
[51] **Int.Cl. H02G 1/08 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **A SYSTEM FOR EXTENDING AN ELECTRICAL CABLE THROUGH A TUBULAR MEMBER**
[54] **SYSTEME POUR DEPLOYER UN CABLE ELECTRIQUE A TRAVERS UN ELEMENT TUBULAIRE**
[72] D'SILVA, ALBEN, CA
[72] SAVAGE, JOHN KEITH, CA
[72] KIRKHOPE, KENNEDY JOHN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-18
[86] 2014-12-05 (PCT/CA2014/000869)
[87] (WO2015/081421)
[30] US (61/913,096) 2013-12-06

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[11] **2,924,880**
[13] C
[51] **Int.Cl. F16K 5/06 (2006.01) F16K 27/12 (2006.01)**
[25] EN
[54] **BALL VALVE HAVING DUAL PISTONS EACH INDIVIDUALLY ACTUABLE**
[54] **ROBINET A BOISSEAU MUNI DE DEUX PISTONS, CHACUN ACTIONNABLE INDIVIDUELLEMENT**
[72] INGLIS, PETER DW, GB
[72] DAVIES, KATHERINE ANN, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-18
[86] 2013-12-27 (PCT/US2013/078111)
[87] (WO2015/099787)

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[11] **2,924,888**
[13] C
[51] **Int.Cl. F02N 19/04 (2010.01) F02N 19/06 (2010.01) F01P 3/20 (2006.01)**
[25] EN
[54] **ENGINE WARMING SYSTEM**
[54] **DISPOSITIF CHAUFFE-MOTEUR**
[72] CARTER, DAN, US
[73] CARTER, DAN, US
[86] (2924888)
[87] (2924888)
[22] 2016-03-23

[11] **2,925,115**
[13] C
[51] **Int.Cl. C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **A FIBER SUSPENDING AGENT FOR LOST-CIRCULATION MATERIALS**
[54] **AGENT DE SUSPENSION DE FIBRES POUR MATERIAUX DE PERTE DE CIRCULATION**
[72] KULKARNI, SANDEEP D., US
[72] MILLER, MATTHEW L., US
[72] JAMISON, DALE E., US
[72] TEKE, KUSHABHAU D., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-22
[86] 2013-11-25 (PCT/US2013/071767)
[87] (WO2015/076852)

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[11] **2,925,476**
[13] C
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 12/00 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **ADJUSTABLE STRAIGHT BLADE STABILIZER**
[54] **STABILISATEUR A LAME DROITE REGLABLE**
[72] KHAPARDE, ASHISH PRAFULLA, IN
[72] MEHTA, KRUNAL KANUBHAI, IN
[72] POYYARA, RAGI LOHIDAKSHAN, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-03-24
[86] 2013-12-03 (PCT/US2013/072720)
[87] (WO2015/084318)

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[13] C
[51] **Int.Cl. E21C 41/16 (2006.01)**
[25] EN
[54] **MINE MINING SYSTEM**
[54] **SYSTEME D'EXTRACTION DE MINERAI**
[72] KODAMA, YUICHI, JP
[72] UETAKE, MASAAKI, JP
[72] KAWAI, KAZUNARI, JP
[72] TERADA, SHINICHI, JP
[72] FUKUI, RUI, JP
[73] KOMATSU LTD., JP
[73] THE UNIVERSITY OF TOKYO, JP
[85] 2016-03-29
[86] 2014-09-30 (PCT/JP2014/076192)
[87] (WO2015/046601)
[30] JP (2013-205975) 2013-09-30

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[11] **2,925,855**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **METHODS SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR VERIFYING CONSUMER IDENTITY DURING TRANSACTION**
[54] **PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES INFORMATIQUES DE VERIFICATION D'IDENTITE D'UN CONSOMMATEUR LORS D'UNE TRANSACTION**
[72] KENDEROV, STOYAN, US
[73] INTUIT INC., US
[85] 2016-03-30
[86] 2013-11-20 (PCT/US2013/071081)
[87] (WO2015/057248)
[30] US (14/054,558) 2013-10-15

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[13] C
[51] **Int.Cl. E02B 15/04 (2006.01) E02B 15/08 (2006.01) F23D 11/00 (2006.01) F23G 7/05 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OIL RELEASE MANAGEMENT**
[54] **PROCEDE ET SYSTEME DE GESTION DE DEVERSEMENT ACCIDENTEL DE PETROLE**
[72] NEDWED, TIMOTHY J., US
[72] URBANSKI, NICHOLAS F., US
[72] TIDWELL, AMY C., US
[72] ZHANG, CHANGYONG, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-03-31
[86] 2014-10-14 (PCT/US2014/060519)
[87] (WO2015/080807)
[30] US (61/909,194) 2013-11-26

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[11] **2,926,195**
[13] C
[51] **Int.Cl. C09K 8/508 (2006.01) C09K 8/12 (2006.01)**
[25] EN
[54] **VULCANIZED OIL AND WATER SWELLABLE PARTICULATE COMPOSITE COMPOSITIONS**
[54] **COMPOSITIONS COMPOSITES PARTICULAIRES POUVANT GONFLER A L'HUILE ET A L'EAU VULCANISEES**
[72] REDDY, B. RAGHAVA, US
[72] LIANG, FENG, US
[72] MORGAN, RONNIE G., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-01
[86] 2013-10-30 (PCT/US2013/067398)
[87] (WO2015/065351)

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[11] **2,926,487**
[13] C
[51] **Int.Cl. A47B 61/04 (2006.01) A47B 81/00 (2006.01)**
[25] EN
[54] **CHANGEABLE SHOE RACK**
[54] **SUPPORT A CHAUSSURE CHANGEABLE**
[72] CHIANG, CHUN-YI, TW
[72] CHIANG, CHUN-HSIEN, TW
[73] CHIANG, CHUN-YI, TW
[73] CHIANG, CHUN-HSIEN, TW
[86] (2926487)
[87] (2926487)
[22] 2016-04-08

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[11] **2,927,119**
[13] C
[51] **Int.Cl. E21B 37/02 (2006.01) E21B 12/06 (2006.01)**
[25] EN
[54] **REMOVAL OF CASING SLATS BY CUTTING CASING COLLARS**
[54] **RETRAIT DE DALLES DE TUBAGE PAR DECOUPE DE COLLIERS DE TUBAGE**
[72] SURJAATMADJA, JIM B., US
[72] FARABEE, LELDON MARK, US
[72] GISKEMO, JORN TORE, NO
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-12
[86] 2013-11-27 (PCT/US2013/072123)
[87] (WO2015/080714)

[11] **2,927,399**
[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) F16J 15/16 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY FOR WELLBORE TOOL**
[54] **ENSEMBLE JOINT D'ETANCHEITE POUR UN OUTIL DE PUITS DE FORAGE**
[72] SERVAES, LUK, US
[72] MAGEREN, OLIVIER, BE
[72] EVANS, JOHN GERARD, US
[72] CAWTHON, DAVID WAYNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-13
[86] 2014-11-24 (PCT/US2014/067079)
[87] (WO2015/077694)
[30] US (61/908,312) 2013-11-25

[11] **2,927,659**
[13] C
[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SOWING MACHINE WITH MULTIFUNCTIONAL ROLLER**
[54] **SEMOIR A ROULEAU MULTIFONCTIONNEL**
[72] BERENDSEN, MARK, NL
[72] BERGERFURTH, DENNIS, DE
[72] GEBBEKEN, MARTIN, DE
[72] GERAATS, MARCEL, DE
[72] GOTZEN, CHRISTIAN, DE
[72] LUKAS, THOMAS, DE
[72] PAESSENS, CHRISTIAN, DE
[72] WERRIES, DIETER, DE
[73] LEMKEN GMBH & CO. KG, DE
[85] 2016-04-15
[86] 2014-10-15 (PCT/DE2014/100369)
[87] (WO2015/055182)
[30] DE (10 2013 111 357.5) 2013-10-15

[11] **2,928,064**
[13] C
[51] **Int.Cl. G01M 13/00 (2006.01) B62D 11/00 (2006.01) F16G 1/00 (2006.01) F16G 5/00 (2006.01) G01J 5/00 (2006.01)**
[25] EN
[54] **MONITORING THE CONDITION OF DRIVE BELTS IN BELT DRIVEN MACHINES**
[54] **SURVEILLANCE DE L'ETAT DES COURROIES D'ENTRAINEMENT DANS LES MACHINES ENTRAINEES PAR COURROIE**
[72] CAMPBELL, JORDEN, US
[73] RAZORBACK TECHNOLOGY LLC, US
[86] (2928064)
[87] (2928064)
[22] 2016-04-21
[30] US (14/692594) 2015-04-21

[11] **2,928,257**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 23/00 (2006.01) E21B 33/068 (2006.01) E21B 43/11 (2006.01)**
[25] EN
[54] **PLUGGING DEVICE DEPLOYMENT IN SUBTERRANEAN WELLS**
[54] **DEPLOIEMENT DE DISPOSITIF DE BOUCHON DANS LES PUITS SOUTERRAINS**
[72] WATSON, BROCK W., US
[72] FERGUSON, ANDREW M., US
[72] FUNKHOUSER, GARY P., US
[72] ROBERTSON, JENNA N., US
[72] SCHULTZ, ROGER L., US
[73] THRU TUBING SOLUTIONS, INC., US
[86] (2928257)
[87] (2928257)
[22] 2016-04-26
[30] US (62/243,444) 2015-10-19
[30] US (62/195,078) 2015-07-21
[30] US (14/698,578) 2015-04-28
[30] US (PCT/US15/38248) 2015-06-29

[11] **2,928,275**
[13] C
[51] **Int.Cl. A61C 7/08 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **MASTICATORY ORTHODONTIC CORRECTION DEVICE**
[54] **DISPOSITIF DE CORRECTION ORTHODONTIQUE DE LA MASTICATION**
[72] HUNG, CHENG-HSIANG, CN
[73] HUNG, CHENG-HSIANG, CN
[86] (2928275)
[87] (2928275)
[22] 2016-04-27
[30] CN (201510202838.3) 2015-04-27
[30] CN (201610260756.9) 2016-04-25

[11] **2,928,858**
[13] C
[51] **Int.Cl. D21F 7/08 (2006.01)**
[25] EN
[54] **MULTIAXIAL FABRIC HAVING REDUCED INTERFERENCE PATTERN**
[54] **TISSU MULTIAXIAL PRESENTANT UN MOTIF D'INTERFERENCE REDUIT**
[72] HAWES, JOHN M., US
[72] KORNETT, GLENN, US
[72] RYDIN, BJORN, SE
[72] QUIGLEY, SCOTT, US
[72] ROYO, MICHAEL A., US
[72] DONOVAN, JAMES G., US
[72] YOOK, STEVEN, US
[73] ALBANY INTERNATIONAL CORP., US
[86] (2928858)
[87] (2928858)
[22] 2006-04-20
[62] 2,871,861
[30] US (11/116,516) 2005-04-28

[11] **2,929,016**
[13] C
[51] **Int.Cl. C07F 9/09 (2006.01) A61K 31/661 (2006.01) A61K 33/42 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01) C01B 25/32 (2006.01)**
[25] EN
[54] **REGIMEN FOR CONTROLLING OR REDUCING DENTINE HYPERSENSITIVITY**
[54] **SCHEMA POSOLOGIQUE POUR LUTTER CONTRE L'HYPERSENSIBILITE DE LA DENTINE OU LA REDUIRE**
[72] STRAND, ROSS, CN
[72] MACGREGOR, ALASTAIR ROBERT EDWARD, GB
[72] GOODALL, CLAIRE, GB
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-28
[86] 2013-11-22 (PCT/CN2013/087669)
[87] (WO2015/074240)

[11] **2,929,080**
[13] C
[51] **Int.Cl. E21B 10/46 (2006.01)**
[25] EN
[54] **LASER-BRAZED PCD ELEMENT**
[54] **ELEMENT EN DIAMANT POLYCRISTALLIN BRASE AU LASER**
[72] BIRD, JAY STUART, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-28
[86] 2013-12-11 (PCT/US2013/074422)
[87] (WO2015/088517)

[11] **2,929,581**
[13] C
[51] **Int.Cl. E21B 47/12 (2012.01) G06K 19/077 (2006.01)**
[25] EN
[54] **TIMELINE FROM SLUMBER TO COLLECTION OF RFID TAGS IN A WELL ENVIRONMENT**
[54] **CHRONOLOGIE DE LA VEILLE A LA COLLECTE D'ETIQUETTES RFID DANS UN ENVIRONNEMENT DE PUITS**
[72] ROBERSON, MARK W., US
[72] GOODWIN, SCOTT, US
[72] RAVI, KRISHNA M., US
[72] RODDY, CRAIG W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-03
[86] 2014-12-29 (PCT/US2014/072508)
[87] (WO2015/103112)
[30] US (14/145,322) 2013-12-31

[11] **2,929,861**
[13] C
[51] **Int.Cl. B65D 83/00 (2006.01)**
[25] EN
[54] **AEROSOL DISPENSING APPARATUS**
[54] **APPAREIL DE DISTRIBUTION D'AEROSOL**
[72] BELLINGER, SEAN, US
[72] SLOWIK, STEVE, US
[72] SCOLA, MICHAEL, US
[72] MCMULLEN, SCOTT ARTHUR, CA
[72] ZOSIMADIS, PETER, CA
[73] SMART WAVE TECHNOLOGIES, INC., CA
[86] (2929861)
[87] (2929861)
[22] 2013-10-15
[62] 2,886,894
[30] US (61/714,081) 2012-10-15

[11] **2,930,362**
[13] C
[51] **Int.Cl. C09K 8/508 (2006.01) E21B 33/10 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **TEMPORARY PLUGGING AGENT FOR WELL DRILLING**
[54] **AGENT DE BLOCAGE TEMPORAIRE POUR FORAGE DE PUITS**
[72] TAKAHASHI, TAKEO, JP
[72] OKURA, MASAYUKI, JP
[72] TAKAHASHI, SHINYA, JP
[72] KOBAYASHI, TAKUMA, JP
[72] KOBAYASHI, FUMINORI, JP
[72] SATO, HIROYUKI, JP
[73] KUREHA CORPORATION, JP
[85] 2016-05-11
[86] 2014-10-27 (PCT/JP2014/078518)
[87] (WO2015/072317)
[30] JP (2013-237452) 2013-11-15
[30] JP (2014-173812) 2014-08-28

[11] **2,930,529**
[13] C
[51] **Int.Cl. E21B 47/0224 (2012.01) E21B 47/13 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **TARGET WELL RANGING METHOD, APPARATUS, AND SYSTEM**
[54] **METHODE, APPAREIL ET SYSTEME DE TELEMETRIE DE PUITS CIBLE**
[72] RODNEY, PAUL F., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-12
[86] 2013-12-27 (PCT/US2013/078107)
[87] (WO2015/099785)

[11] **2,930,694**
[13] C
[51] **Int.Cl. F16B 13/06 (2006.01)**
[25] EN
[54] **EXPANDING ANCHOR HAVING AN ANISOTROPIC COEFFICIENT OF FRICTION**
[54] **ELEMENT D'ANCRAGE EXPANSIBLE A COEFFICIENT DE FROTTEMENT ANISOTROPE**
[72] GSTACH, PETER, LI
[72] WINKLER, BERNHARD, AT
[73] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-05-13
[86] 2014-11-18 (PCT/EP2014/074883)
[87] (WO2015/075022)
[30] EP (13194195.7) 2013-11-25

[11] **2,931,152**
[13] C
[51] **Int.Cl. G01N 35/02 (2006.01)**
[25] EN
[54] **FULL-AUTOMATIC INSTANT CHECK METER**
[54] **COMPTEUR DE CONTROLE INSTANTANE TOTALEMENT AUTOMATIQUE**
[72] ZHOU, XUYI, CN
[72] HONG, LONGBIN, CN
[72] XU, WENJIE, CN
[72] CHEN, XIAODONG, CN
[72] ZHOU, SONGBING, CN
[72] SHEN, GUOJIN, CN
[72] HU, RUI, CN
[73] HANGZHOU JOINSTAR BIOMEDICAL TECHNOLOGY CO., LTD., CN
[85] 2016-05-19
[86] 2014-12-25 (PCT/CN2014/094931)
[87] (WO2015/096767)
[30] CN (201310730567.X) 2013-12-26

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[13] C
[51] **Int.Cl. C12Q 1/22 (2006.01) A61L 2/28 (2006.01) G01N 31/22 (2006.01)**
[25] EN
[54] **COMBINED STERILIZATION INDICATOR INCUBATOR AND READER SYSTEM**
[54] **SYSTEME COMBINE INDICATEUR DE STERILISATION, INCUBATEUR ET LECTEUR**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[72] VODKIN, PAUL, US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2016-05-19
[86] 2014-09-10 (PCT/US2014/054922)
[87] (WO2015/080777)
[30] US (14/090,116) 2013-11-26

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[13] C
[51] **Int.Cl. B21J 15/26 (2006.01)**
[25] EN
[54] **SWAGING TOOL**
[54] **OUTIL D'EMBOUTISSAGE**
[72] IKADA, AKIRA, JP
[72] TAKEUCHI, TARO, JP
[72] UTSUMI, YUKI, JP
[72] KISHIMOTO, IORI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-05-30
[86] 2014-11-13 (PCT/JP2014/080089)
[87] (WO2015/083520)
[30] JP (2013-253680) 2013-12-06

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[13] C
[51] **Int.Cl. B66F 9/20 (2006.01) B66F 9/24 (2006.01) G05D 1/02 (2006.01) G05D 13/62 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOTELY CONTROLLING A MATERIALS HANDLING VEHICLE**
[54] **APPAREIL DE TELECOMMANDE D'UN VEHICULE DE MANUTENTION**
[72] PULSKAMP, STEVEN R., US
[72] DUES, JEFFRY D., US
[72] GREEN, MATTHEW M., US
[72] HORVATH, EUGENE P., US
[72] SCHLOEMER, JAMES F., US
[72] SIEFRING, VERNON W., US
[72] SNODGRASS, RYAN M., US
[72] WERSHING, JESSE, US
[73] CROWN EQUIPMENT CORPORATION, US
[86] (2932535)
[87] (2932535)
[22] 2009-12-30
[62] 2,765,565
[30] US (61/222,632) 2009-07-02
[30] US (61/234,866) 2009-08-18

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[13] C
[51] **Int.Cl. C25D 7/04 (2006.01) C25D 5/08 (2006.01) C25D 17/12 (2006.01) C25D 21/00 (2006.01)**
[25] EN
[54] **ELECTROPLATING APPARATUS FOR STEEL PIPES**
[54] **APPAREIL D'ELECTROPLACAGE DESTINE AUX TUYAUX EN ACIER**
[72] KIMOTO, MASANARI, JP
[72] ISHII, KAZUYA, JP
[72] OSHIMA, MASAHIRO, JP
[72] YAMAMOTO, TATSUYA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2016-06-03
[86] 2014-12-11 (PCT/JP2014/006181)
[87] (WO2015/087551)
[30] JP (2013-258477) 2013-12-13

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[13] C
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[25] EN
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[54] **CHANGEMENT DYNAMIQUE DE REDUCTION (DSR) POUR REGULER LA TEMPERATURE DANS DES LAMINOIRS EN TANDEM**
[72] CARVALHO, FRANCISCO, BR
[72] MINNITI, EDUARDO, BR
[72] EBOLI, CARLOS, US
[73] NOVELIS DO BRASIL LTDA., BR
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[54] **DETECTION METHOD FOR MUTATION IN 93RD AMINO ACID OF HEPATITIS C VIRUS NS5A PROTEIN, AND DETECTION KIT FOR MUTATION IN 93RD AMINO ACID OF HEPATITIS C VIRUS NS5A PROTEIN**
[54] **PROCEDE DE DETECTION DE MUTATION DANS LE 93EME ACIDE AMINE DE LA PROTEINE NS5A DU VIRUS DE L'HEPATITE C ET KIT DE DETECTION DE MUTATION DANS LE 93EME ACIDE AMINE DE LA PROTEINE NS5A DU VIRUS DE L'HEPATITE C**
[72] MOCHIDA, SATOSHI, JP
[72] UCHIDA, YOSHIHITO, JP
[72] KOUYAMA, JUN-ICHI, JP
[72] NAIKI, KAYOKO, JP
[73] SAITAMA MEDICAL UNIVERSITY, JP
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[54] **STRUCTURE DE CHASSIS AUXILIAIRE**
[72] HIRANO, MASATAKA, JP
[72] MIYAHARA, TETSUYA, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **THREADED JOINT FOR STEEL PIPES**
[54] **JOINT FILETE POUR TUYAUX EN ACIER**
[72] INOSE, KEITA, JP
[72] OTA, FUMIO, JP
[72] UGAI, SHIN, JP
[72] SUGINO, MASAAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **APPAREIL HYDRAULIQUE DESTINE A PRODUIRE DES IMPULSIONS DE PRESSION DANS UN FLUIDE DE FORAGE**
[72] GILLIS, SEAN, CA
[73] DRILFORMANCE TECHNOLOGIES, LLC, US
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[54] **FLUSH TOILET**
[54] **DISPOSITIF DE TOILETTES A CHASSE D'EAU**
[72] OKUBO, MAYU, JP
[72] USHIJIMA, YOSHIKAZU, JP
[72] SATO, YUICHI, JP
[72] KATO, YOSHINOBU, JP
[72] HAYASHI, RYOSUKE, JP
[72] SHIBATA, SHINJI, JP
[73] TOTO LTD., JP
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[54] **AGENCEMENT POUR LE LANCEMENT D'UN MODE DE FONCTIONNEMENT A DISTANCE**
[72] HANSKI, SAMI, FI
[72] NURMINEN, PETRI, FI
[72] UOTILA, JARKKO, FI
[72] CUMINI, LAUSO, FI
[72] MANNONEN, PETRI, FI
[72] SIREN, ARTO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
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[54] **HIGH-LIFT DEVICE OF FLIGHT VEHICLE**
[54] **DISPOSITIF HYPERSUSTENTATEUR DESTINE A UN AERONEF**
[72] ISOTANI, KAZUHIDE, JP
[72] HAYAMA, KENJI, JP
[73] THE SOCIETY OF JAPANESE AEROSPACE COMPANIES, JP
[73] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **IRONING MOLD AND FORMED MATERIAL MANUFACTURING METHOD**
[54] **MOULE D'ETIRAGE ET METHODE DE FABRICATION DE MATERIAU FORME**
[72] NAKAMURA, NAOFUMI, JP
[72] YAMAMOTO, YUDAI, JP
[72] KUROBE, JUN, JP
[73] NISSHIN STEEL CO., LTD., JP
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[54] **SKELETAL COMPONENT FOR AUTOMOBILE AND FRONT PILLAR LOWER INCLUDING THE SAME**
[54] **COMPOSANT D'OSSATURE AUTOMOBILE ET BAS DE PILIER AVANT POURVU DE CELUI-CI**
[72] SAITO, MASAHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] OTSUKA, KENICHIRO, JP
[72] ITO, YASUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
[54] **METHOD AND SYSTEM FOR APPLYING ELECTRIC FIELDS TO MULTIPLE SOLAR PANELS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'APPLIQUER DES CHAMPS ELECTRIQUES A DE MULTIPLES PANNEAUX SOLAIRES**
[72] MCNAMARA, ROBERT P., US
[72] RAYMOND, DOUGLAS M., US
[73] SOLARLYTICS, INC., US
[85] 2016-08-05
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 23/04 (2006.01) E21B 34/08 (2006.01)**
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[54] **DISSOLVABLE ISOLATION DEVICES WITH AN ALTERED SURFACE THAT DELAYS DISSOLUTION OF THE DEVICES**
[54] **DISPOSITIFS D'ISOLATION SOLUBLES COMPORTANT UNE SURFACE MODIFIEE QUI RETARDE LA DISSOLUTION DE CES DISPOSITIFS**
[72] FRIPP, MICHAEL L., US
[72] WALTON, ZACHARY W., US
[72] MURPHREE, ZACHARY R., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **HAND WARMER**
[54] **CHAUFFE-MAIN**
[72] FORZANI, JOHN, US
[72] GALVON, JESSE, CA
[73] GALVANI TECH APPAREL INC., CA
[86] (2939303)
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[25] FR
[54] **AIRBORNE PLATFORM FOR AIRCRAFT, COMPRISING ATTITUDE CORRECTING MEANS, AND ASSOCIATED TOW HITCH ASSEMBLY**
[54] **PLATEFORME AEROPORTEE POUR AERONEF COMPORTANT DES MOYENS CORRECTEURS D'ASSIETTE ET ATTELAGE ASSOCIE**
[72] GIORDANA, ALEXIS, FR
[73] ACTION COMMUNICATION, FR
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[54] **A HIGH STRENGTH STONE PLASTIC FLOOR AND MANUFACTURING METHOD THEREOF**
[54] **PLANCHER EN PLASTIQUE A EFFET DE PIERRE HAUTE RESISTANCE ET METHODE DE FABRICATION ASSOCIEE**
[72] ZHANG, XIAOLING, CN
[72] XIAO, ZHIYUAN, CN
[73] ZHANG, XIAOLING, CN
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[54] **APPARATUS AND METHOD FOR MEASURING HOOKLOAD**
[54] **APPAREIL ET METHODE DE MESURE DE LA CHARGE AU CROCHET**
[72] SMITH, ADRIAN E., GB
[72] HENDERSON, MATTHEW HAY, GB
[72] BROWN, PAUL, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HYBRID LASER WELDING SYSTEM AND METHOD USING TWO ROBOTS**
[54] **SYSTEME ET PROCEDE DE SOUDAGE AU LASER HYBRIDE A L'AIDE DE DEUX ROBOTS**
[72] LEGAULT, MARIO, CA
[73] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **DEGRADABLE FLUID SEALING COMPOSITIONS INCORPORATING NON-DEGRADABLE MICROPARTICULATES AND METHODS FOR USE THEREOF**
[54] **COMPOSITIONS D'ETANCHEITE DEGRADABLES INCORPORANT DES MICROPARTICULES NON DEGRADABLES ET PROCEDE D'UTILISATION ASSOCIE**
[72] NGUYEN, PHILIP D., US
[72] MONTALVO, JANETTE CORTEZ, US
[72] OGLE, JAMES WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **BOTTOM OUTLET VALVE REMOVABLE INDEPENDENT STEAM JACKET**
[54] **CHEMISE A VAPEUR INDEPENDANTE AMOVIBLE A VANNE DE SORTIE AU BAS**
[72] DOUGLAS, PETER J., US
[72] WALTER, GARY C., US
[72] PEREZ, JOE, US
[72] SCHULTZ, JONATHAN, US
[72] CHILTON, NATHAN, US
[72] PELTASON, KEITH, US
[73] UNION TANK CAR COMPANY, US
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[54] **WEAR MEMBERS FOR EXCAVATION IMPLEMENTS**
[54] **ELEMENTS D'USURE POUR OUTILS D'EXCAVATION**
[72] RUVANG, JOHN A., CA
[73] BLACK CAT BLADES LTD., CA
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[54] **TAG ASSEMBLY FOR RETAINING AND DISPLAYING PRODUCTS**
[54] **ENSEMBLE ETIQUETTE DESTINE A MAINTENIR ET PRESENTER DES PRODUITS**
[72] WINTZ, TREVOR, US
[73] BEDFORD INDUSTRIES, INC., US
[85] 2016-10-07
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[54] **STERILISATEUR**
[72] AMOR, WILLIAM, US
[72] BACIK, MICHAEL A., US
[72] BUTLER, MICHAEL W., US
[72] CUNNINGHAM, J.D., US
[72] KESSICK, EVAN, US
[73] AMERICAN STERILIZER COMPANY, US
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[54] **AIDE AU HACHAGE**
[72] VANTTILA, OLLI-PEKKA, FI
[72] LYYTIKAINEN, SAMI, FI
[73] FISKARS FINLAND OY AB, FI
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[54] **METHODS FOR REDUCING CD36 EXPRESSION**
[54] **METHODES PERMETTANT DE REDUIRE L'EXPRESSION DE CD36**
[72] SZETO, HAZEL H., US
[72] LIU, SHAOYI, US
[72] CHO, SUNGHEE, US
[73] CORNELL RESEARCH FOUNDATION, INC., US
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[54] **CYLINDRE PNEUMATIQUE SUPERIEUR A TROIS CHAMBRES ET A CONTREPOIDS POUR OPERATIONS DE LEVAGE ARTIFICIEL**
[72] TAO, TAO, US
[72] MCEACHERN, MATHEW J., US
[72] CHEN, HUAJUN, US
[72] LI, YANMEI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METAL MASK AND SCREEN PRINTING APPARATUS**
[54] **MASQUE METALLIQUE ET APPAREIL DE SERIGRAPHIE**
[72] HIROSE, TAKUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **STATION AND METHOD FOR TRANSFERRING A METAL MELT FROM A MELTING FURNACE TO A TRANSPORT CRUCIBLE, AND AN ARRANGEMENT AND A SYSTEM WITH SUCH A STATION**
[54] **POSTE ET METHODE DE TRANSFERT D'UN METAL EN FUSION D'UN FOUR DE FONTE VERS UN CREUSET DE TRANSPORT, ET UNE DISPOSITION ET UN SYSTEME EQUIPES D'UN TEL POSTE**
[72] WALKENHORST, OLIVER, DE
[72] HOMMEL, OLIVER, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
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[54] **INDUCTION HEATING COOKING DEVICE**
[54] **DISPOSITIF DE CUISSON A CHAUFFAGE PAR INDUCTION**
[72] JUNG, GWANG JIN, KR
[72] KIM, JUNG KWON, KR
[72] LEE, JI HYEOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **METHOD OF MANUFACTURING WATER-ABSORBENT RESIN, WATER-ABSORBENT RESIN, WATER-ABSORBING AGENT AND ABSORBENT ARTICLE**
[54] **METHODE DE FABRICATION DE RESINE HYDROABSORBANTE, RESINE HYDROABSORBANTE, AGENT HYDROABSORBANT ET ARTICLE ABSORBANT**
[72] MURAKAMI, MASAHIRO, JP
[72] HINAYAMA, TETSUHIRO, JP
[72] YABUGUCHI, HIROKI, JP
[72] YOKOYAMA, HIDEKI, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
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[54] **WATERCRAFT AUTOMATION AND AQUATIC EFFORT DATA UTILIZATION**
[54] **AUTOMATISATION DES VEHICULES MARINS ET UTILISATION DES DONNEES D'EFFORT AQUATIQUE**
[72] GRACE, TED V., US
[72] GRACE, RYAN T., US
[73] GARMIN SWITZERLAND GMBH, CH
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[54] **UTILITY CHAIN CUTTER**
[54] **CHAINE COUPANTE UTILITAIRE**
[72] YANCEY, JAMES, US
[72] BAILEY, CHARLIE, US
[72] GERLACH, TODD, US
[73] BLOUNT, INC., US
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[54] **NIGHT VISION DEVICE**
[54] **DISPOSITIF DE VISION NOCTURNE**
[72] HU, XIAOPING, CN
[73] BOLYMEDIA HOLDINGS CO. LTD., US
[85] 2017-01-20
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[54] **METHODS AND SYSTEMS FOR TUBULAR VALIDATION**
[54] **PROCEDES ET SYSTEMES PERMETTANT UNE VALIDATION D'ELEMENT TUBULAIRE**
[72] MAGNUSON, CHRISTOPHER, US
[73] NABORS INDUSTRIES, INC., US
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[54] **FORMES SOLIDES STABLES D'ENCLOMIFENE ET DE CITRATE D'ENCLOMIFENE**
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[72] CARUANA, LORENZO, IT
[72] TESSON, NICOLAS, ES
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[54] **METHOD OF MANUFACTURING ENTERIC SOFT CAPSULE**
[54] **METHODE DE FABRICATION DE CAPSULE SOUPLE ENTERIQUE**
[72] WATANABE, KAZUHIKO, JP
[72] HASEGAWA, HIROAKI, JP
[72] INABA, NAHONORI, JP
[72] SHIMOKAWA, YOSHIYUKI, JP
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[54] **METHODS FOR TREATING LITHIUM-CONTAINING MATERIALS**
[54] **PROCEDES POUR LE TRAITEMENT DE MATERIAUX CONTENANT DU LITHIUM**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] CLAYTON, GENEVIEVE, CA
[72] BOUCHARD, PIERRE, CA
[72] SYMONS, PETER, US
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[73] NEMASKA LITHIUM INC., CA
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[54] **DISPOSITIF DE JEU OU DE DIVERTISSEMENT**
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[73] NOVOMATIC AG, AT
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[54] **SYSTEME DE RECEPTEUR D'ENERGIE NUMERIQUE**
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[72] LOWE, HARRY, US
[73] VOLTSERVER, INC., US
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[72] RING, CURTIS, CA
[72] GEORGE, GRANT, CA
[72] MCCARTHY, MATTHEW, CA
[72] SARGENT, SHANE, CA
[73] TORSCH INC., CA
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[54] **CAPSULES SOUPLES DE CALCIFEDIOL**
[72] SUNE NEGRE, JOSEP MARIA, ES
[72] ORTEGA AZPITARTE, IGNACIO, ES
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[72] HERNANDEZ HERRERO, GONZALO, ES
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[54] **SEALANT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES D'AGENTS D'ETANCHEITE**
[72] HAWKINSON, RANDE, US
[72] ENGELKEN, THOMAS, US
[72] BLOUNT, JOHN E., US
[72] KLAEHN, DARIN, US
[73] CAL-TEX PROTECTIVE COATINGS, INC., US
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[54] **LOCKING BOOT FOR BALL JOINT**
[54] **BOTTE DE BLOCAGE DE JOINT A BILLE**
[72] WINTER, SIMON, CA
[72] MCVEIGH, JACK, CA
[72] KEARNS, TYLER, CA
[72] LUIZ, ROSAN, CA
[73] MEVOTECH LP, CA
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[54] **GENERATING USER NOTIFICATIONS USING BEACONS ON ONLINE SOCIAL NETWORKS**
[54] **GENERATION DE NOTIFICATIONS D'UTILISATEUR A L'AIDE DE BALISES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] LEBEAU, MICHAEL JAMES, US
[72] LESSIN, SAMUEL WHARTON, US
[72] BARILLARI, JOSEPH DAVID, US
[72] SHIMONI, AMIR, US
[72] MURILLO, ARLENE GABRIANA, US
[72] NIEWCZAS, MATEUSZ MAREK, US
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[54] **COMPILATION FOR NODE DEVICE GPU-BASED PARALLEL PROCESSING**
[54] **COMPILATION DE TRAITEMENT PARALLELE FONDE SUR L'UNITE DE TRAITEMENT GRAPHIQUE (GPU) DE DISPOSITIF DE NOEUD**
[72] BEQUET, HENRY GABRIEL VICTOR, US
[72] CHEN, HUINA, US
[73] SAS INSTITUTE INC., US
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[54] **DEVICE AND METHOD FOR PROCESSING OF RESIDUAL VALUES WHEN CONTROLLING A SENSOR**
[54] **DISPOSITIF ET METHODE DE TRAITEMENT DES VALEURS RESIDUELLES LORS DU CONTROLE D'UN CAPTEUR**
[72] SPAHLINGER, GUNTER, DE
[72] ZIMMERMANN, STEFFEN, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
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[54] **BANC DE FILTRES MODULE EXPONENTIEL COMPLEXE DESTINE A LA RECONSTRUCTION HAUTE FREQUENCE OU PARAMETRIQUE STEREO**
[72] EKSTRAND, PER, SE
[73] DOLBY INTERNATIONAL AB, NL
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[87] (2981323)
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[54] **METHOD AND SYSTEM FOR PERFORMING AUTOMATED DRILLING OF A WELLBORE**
[54] **METHODE ET SYSTEME DE PREFORMAGE DU FORAGE AUTOMATISE D'UN PUITS DE FORAGE**
[72] NG, CHOON-SUN JAMES, CA
[72] KHROMOV, SERGEY, CA
[73] PASON SYSTEMS CORP., CA
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[25] EN
[54] **STARTING CONTROL DEVICE FOR ELECTRICALLY DRIVEN VEHICLE**
[54] **APPAREIL DE COMMANDE DE DEMARRAGE DESTINE A UN VEHICULE ENTRAINE ELECTRIQUEMENT**
[72] TSUKIZAKI, ATSUSHI, JP
[72] KOGA, MASATO, JP
[72] FUKUDA, HIROYUKI, JP
[72] TOYOTA, RYOHEY, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-11-30
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[54] **POWER GENERATION CONTROL DEVICE FOR A HYBRID VEHICLE**
[54] **DISPOSITIF DE CONTROLE DE GENERATION DE PUISSANCE DESTINE A UN VEHICULE HYBRIDE**
[72] TOYOTA, RYOHEY, JP
[72] KOGA, MASATO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-22
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[25] EN
[54] **ADDITIVE FOR LUBRICANT COMPOSITIONS COMPRISING A SULFUR-CONTAINING AND A SULFUR-FREE ORGANOMOLYBDENUM COMPOUND, AND A TRIAZOLE**
[54] **ADDITIF POUR COMPOSITIONS LUBRIFIANTES COMPRENANT DES COMPOSES ORGANOMOLYBDENE AVEC ET SANS SOUFRE ET UN TRIAZOLE**
[72] PATEL, MIHIR, US
[72] GATTO, VINCENT J., US
[73] VANDERBILT CHEMICALS, LLC, US
[85] 2018-01-10
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[25] EN
[54] **STARTING CONTROL DEVICE AND STARTING CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE DE DEMARRAGE ET PROCEDE DE COMMANDE DE DEMARRAGE**
[72] SUGANO, TAKESHI, JP
[72] TAKAE, YASUHIKO, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **SYSTEME D'INCLINAISON DESTINE A DES HERSES**
[72] LUNG, DEVIN, CA
[72] DRAYTON, JESSE, CA
[71] BOURGAULT INDUSTRIES LTD., CA
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[54] **SUPPORT FLEXIBLE DE STYLE CARQUOIS ET PORTE-HAMECONS ET AMORCES PRE-ATTACHES**
[72] UNKNOWN, ZZ
[71] RIVER, JADE, CA
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[54] **METHOD OF FORMING A LOTTERY TICKET WITH A TRANSLUCENT SUBSTRATE**
[54] **METHODE DE FORMATION D'UN BILLET DE LOTERIE RENFERMANT UN SUBSTRAT TRANSLUCIDE**
[72] LAVOIE, PIERRE J., CA
[72] CATIGAY, SINDY R., CA
[72] WATTIS, KRISTINE S., CA
[72] BRICKWOOD, MICHAEL J., CA
[72] CLOUTIER, JULIA E., CA
[72] EDGINTON, TIMOTHY G., CA
[72] NGUYEN, PETER, CA
[72] TAYLOR, BRETT C., CA
[72] BETTCHER, NANCY, CA
[71] POLLARD BANKNOTE LIMITED, CA
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[54] **HOOP PROPELLER/IMPELLER**
[54] **PROPULSEUR/HELICE A BOUCLE**
[71] MANCHESTER, ALLAN R., CA
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[25] EN
[54] **SYSTEM FOR LIGHTWEIGHT CONSTRUCTION**
[54] **SYSTEME DE CONSTRUCTION LEGERE**
[72] UNKNOWN, ZZ
[71] THE CENTRAL GROUP, CA
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[25] EN
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[54] **TETE DE CAPTURE DE REACTEUR A TUBE D'IMPLOSION**
[72] UNKNOWN, ZZ
[71] STEIN, DONALD JOSEPH, CA
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[25] EN
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[54] **UN PANIER D'ACHATS TELECOMMANDE DOTE D'UN BRAS MECANIQUE**
[72] STUKANOV, IGOR, CA
[71] STUKANOV, IGOR, CA
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[54] **TONGUE IT**
[54] **APPAREIL AJOUTE SUR LA LANGUE**
[72] MENEZES, CELIA, CA
[72] SAUNDERS, JULENE, CA
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[54] **IMAGE PROCESSING METHOD AND COMPUTER-READABLE MEDIUM**
[54] **METHODE DE TRAITEMENT D'IMAGE ET SUPPORT LISIBLE A L'ORDINATEUR**
[72] LEBLANC, LUC, CA
[72] DUFORT, JEAN-FRANCOIS, CA
[71] SQUARE ENIX, LTD., GB
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[54] **DEGAGEMENT DE MAGASIN DE SKS A POUSSEE VERS L'AVANT**
[72] LEBEL, TRISTAN C., CA
[72] RAHE, JASON, CA
[72] HUGHES, MICHAEL E., CA
[71] 1988730 ALBERTA INC., CA
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[54] **SEMI-AUTOMATIC ROD FORMING AND WRAPPING APPARATUS**
[54] **APPAREILLAGE DE MISE EN FORME ET ENTOURAGE DE TIGE SEMI-AUTOMATIQUE**
[72] UNKNOWN, ZZ
[71] SARPOUSHAN, DINA D. S., CA
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[54] **SYSTEM AND METHOD FOR MAINTAINING SHARING GROUPS IN A SERVICE DELIVERY SYSTEM**
[54] **SYSTEME ET METHODE DE MAINTIEN DE GROUPES COMMUNS DANS UN SYSTEME DE PRESTATION DE SERVICES**
[72] GRIFFITHS, BRETT, CA
[72] SCHELLENBERG, ANNA, CA
[72] MONKMAN, APRIL, CA
[72] BALKARAN, JANET, CA
[72] BALKWILL, KELLY, CA
[72] NA, HYON, US
[71] MANITOBA TELECOM SERVICES INC., CA
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[54] **FLEXIBLE NONVIOLENT INTERVENTION SHIELD**
[54] **DISPOSITIF DE PROTECTION D'INTERVENTION NON VIOLENTE SOUPLE**
[72] MALTAIS, HAROLD, CA
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[54] **MOBILE TEXTING AND MESSAGING COMMUNICATION AND CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE ET COMMUNICATION DE MESSAGE ET DE TEXTOS MOBILES**
[72] DUBOIS, PATRICK, CA
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[54] **DISPOSITIF DESTINE A UNE PORTE DE GARAGE MECANIQUE PASSIVE**
[72] COLEMAN, MICHAEL J., CA
[72] COLEMAN, FRANCIS J., CA
[71] COLEMAN, MICHAEL J., CA
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[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 30/02 (2012.01)**
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[54] **METHOD FOR PRODUCT AND SERVICES OFFERING**
[54] **METHODE D'OFFRE DE PRODUITS ET SERVICES**
[72] VIKAS, KWATRA, CA
[71] HYHO INC., CA
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[25] EN
[54] **METHOD OF IN SITU ASSEMBLY OF A TRANSIT FOR CABLES AND PIPES**
[54] **METHODE D'ASSEMBLAGE SUR PLACE D'UN DISPOSITIF DE TRANSITION POUR CABLES ET TUYAUX**
[72] HOLLAND, BRAD, CA
[71] HOLLAND, BRAD, CA
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[25] EN
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[54] **OUTIL DE RETRAIT D'UN JOINT A ROTULE ET D'UNE SUSPENSION D'UN VEHICULE**
[72] SIM, HENRY, US
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[25] EN
[54] **PERFORATED SCREEN MICRO GREEN GROWER**
[54] **DISPOSITIF DE CULTURE DE MICRO POUSSES A GRILLE PERFOREE**
[72] ETKIN, BRIAN, CA
[71] ETKIN, BRIAN, CA
[22] 2016-11-24
[41] 2018-05-24

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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **IMPLEMENT FRAME MOUNTED VARIABLE RATE SINGULATING METERS**
[54] **APPAREILS DOSEURS UNITAIRES A DEBIT VARIABLE INSTALLES SUR UNE STRUCTURE D'ACCESSOIRE**
[72] JAGOW, SCOT, CA
[72] CORRIVEAU, DAVID, CA
[72] KLENZ, ROBERT, CA
[72] GERBRANDT, SCOTT, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2016-11-24
[41] 2018-05-24

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[13] A1
[51] **Int.Cl. B65G 39/00 (2006.01)**
[25] FR
[54] **THE CANNELLE DIVISIBLE BOBBIN WITH A HIGH FRICTION RATE AND ADJUSTABLE FOR A 1-7/16" LINE SHAFT TYPE CONVEYOR**
[54] **LA CANNELLE (BOBINE) DIVISIBLE A HAUT TAUX DE FRICTION ET AJUSTABLE POUR CONVOYEUR DE TYPE LINE SHAFT 1-7/16".**
[72] UNKNOWN, ZZ
[71] HUDON, GILBERT-MARTIAL, CA
[22] 2016-11-25
[41] 2018-05-25

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[13] A1
[51] **Int.Cl. G01N 21/65 (2006.01) B82Y 15/00 (2011.01) G01N 21/77 (2006.01)**
[25] EN
[54] **ANALYTE DETECTION USING RAMAN SPECTROSCOPY**
[54] **DETECTION D'ANALYTE AU MOYEN DE LA SPECTROSCOPIE RAMAN**
[72] VATS, NEERAJ, CA
[72] HUI, HOK PING, CA
[71] MEDMIRA INC., CA
[22] 2016-11-25
[41] 2018-05-25

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[13] A1
[51] **Int.Cl. F01M 13/00 (2006.01) F01M 13/02 (2006.01)**
[25] EN
[54] **CRANKCASE EVACUATION DEVICE**
[54] **DISPOSITIF D'EVACUATION D'UN CARTER**
[72] GOBBATO, MARCO, CA
[71] GOBBATO, MARCO, CA
[22] 2016-11-24
[41] 2018-05-24

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[13] A1
[51] **Int.Cl. A47B 95/02 (2006.01) A45C 13/26 (2006.01) E05B 1/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE CABINET HANDLE**
[54] **POIGNEE D'ARMOIRE AJUSTABLE**
[72] ABRAHAMS, SHORNA E., CA
[71] ABRAHAMS, SHORNA E., CA
[22] 2016-11-28
[41] 2018-05-23
[30] US (15/359,901) 2016-11-23

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SEMI-AUTOMATED FORM-BASED CHAT**
[54] **BAVARDAGE SEMI-AUTOMATISE FONDE SUR UN FORMULAIRE**
[72] HAMBRICK, MARTIN ALEXANDER, US
[72] DILLON, AARON JOHN, US
[72] JHA, HITEE CHANDRA, US
[71] MH SUB I, LLC, US
[22] 2016-11-29
[41] 2018-05-23
[30] US (15/360,748) 2016-11-23

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[13] A1
[51] **Int.Cl. E03D 11/14 (2006.01) E03D 11/13 (2006.01) F16L 37/04 (2006.01)**
[25] EN
[54] **PIPE COUPLING SYSTEM AND METHOD**
[54] **SYSTEME DE RACCORD DE TUYAU ET METHODE**
[72] MCNALL, DAVID M., CA
[71] MCNALL, DAVID M., CA
[22] 2016-11-29
[41] 2018-05-25
[30] US (15361308) 2016-11-25

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[13] A1
[51] **Int.Cl. A01G 31/02 (2006.01) A01G 31/00 (2018.01)**
[25] EN
[54] **HYDROPONIC PLANTING CUP SYSTEM AND METHOD**
[54] **SYSTEME DE COUPELLE DE PLANTATION HYDROPONIQUE ET METHODE**
[72] AGREY, RYAN R.L., CA
[72] AGREY, BRADLEY G., CA
[71] AGREY, RYAN R.L., CA
[71] AGREY, BRADLEY G., CA
[22] 2016-11-29
[41] 2018-05-22
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[51] **Int.Cl. A45D 44/00 (2006.01) A61B 5/103 (2006.01)**
[25] EN
[54] **SEMI-PERMANENT MAKEUP SYSTEM AND METHOD**
[54] **SYSTEME DE MAQUILLAGE SEMI-PERMANENT ET METHODE**
[72] BELHASSEN, NAOMI, CA
[71] BELHASSEN, NAOMI, CA
[22] 2016-11-29
[41] 2018-05-25
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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/10 (2016.01) A61B 34/20 (2016.01) A61F 2/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE REGISTRATION OF AN ANATOMICAL FEATURE**
[54] **SYSTEME ET METHODE D'ENREGISTREMENT D'UNE CARACTERISTIQUE ANATOMIQUE**
[72] LEONE, YVAN, CA
[72] CHEVRIER, MATHIEU, CA
[72] VALIN, MYRIAM, CA
[72] FALARDEAU, BRUNO, CA
[72] PELLETIER, BENOIT, CA
[72] DUVAL, KARINE, CA
[71] ORTHOSOFT, INC., CA
[22] 2016-11-28
[41] 2018-05-26
[30] US (62/260,296) 2016-11-26

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[51] **Int.Cl. A61H 23/02 (2006.01) A61H 19/00 (2006.01)**
[25] EN
[54] **VIBRATING GLASS MASSAGER**
[54] **VIBROMASSEUR EN VERRE**
[72] CHANG, JACK, US
[71] JOPEN LLC, US
[22] 2016-12-30
[41] 2018-05-24
[30] US (15/361,033) 2016-11-24

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CENTRALIZED AUGMENTATION OF AUTONOMOUS MESSAGE HANDLING**
[54] **METHODE, SYSTEME ET APPAREIL D'AUGMENTATION CENTRALISEE DU TRAITEMENT DE MESSAGE AUTONOME**
[72] BLOKHIN, YURIY, CA
[72] BURTON, KEVIN, CA
[71] KIK INTERACTIVE INC., CA
[22] 2017-03-30
[41] 2018-05-22
[30] US (62/425252) 2016-11-22

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H04W 84/00 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACKNOWLEDGING BROADCAST MESSAGES IN A WIRELSS LIGHTING CONTROL NETOWRK**
[54] **SYSTEMES ET METHODES D'ACCUSE RECEPTION DE MESSAGES DIFFUSES DANS UN RESEAU DE COMMANDE D'ECLAIRAGE SANS FIL**
[72] OLIVER, JASON LAWRENCE, US
[72] BENETZ, FRANK HUBERT, US
[71] RAB LIGHTING INC., US
[22] 2017-04-20
[41] 2018-05-21
[30] US (15/357,900) 2016-11-21
[30] CA (2,949,128) 2016-11-21

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) H04W 84/10 (2009.01) H04W 88/16 (2009.01)**
[25] EN
[54] **COMMISSIONING A CONFIGURABLE USER CONTROL DEVICE FOR A LIGHTING CONTROL SYSTEM**
[54] **MISE EN SERVICE D'UN DISPOSITIF DE COMMANDE UTILISATEUR CONFIGURABLE DESTINE A UN SYSTEME DE COMMANDE D'ECLAIRAGE**
[72] BARNA, ROSS, US
[72] CASE-HAYES, MICHAEL THEODORE, US
[72] SANGHVI, ANKIT, US
[72] OLIVER, JASON LAWRENCE, US
[71] RAB LIGHTING INC., US
[22] 2017-04-20
[41] 2018-05-21
[30] US (15/357,900) 2016-11-21
[30] CA (2,949,128) 2016-11-21

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[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING PACKAGING QUALITY ISSUES**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DES PROBLEMES DE QUALITE D'EMBALLAGE**
[72] MILLHOUSE, ANDREW B., US
[72] LEWIS, STEVEN J., US
[71] WAL-MART STORES, INC., US
[22] 2017-04-25
[41] 2018-05-22
[30] US (62/425,192) 2016-11-22

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[13] A1
[51] **Int.Cl. B32B 1/00 (2006.01) B32B 5/24 (2006.01) B32B 7/02 (2006.01) B32B 7/12 (2006.01) B32B 15/14 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **FAN BLADE WITH GALVANIC SEPARATOR**
[54] **PALE DE VENTILATEUR A SEPARATEUR GALVANIQUE**
[72] CHEUNG, KIN-LEUNG, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-24
[41] 2018-05-24
[30] US (15/361,052) 2016-11-24

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F04D 29/54 (2006.01)**
[25] EN
[54] **COMPRESSOR STATOR VANE WITH LEADING EDGE FORWARD SWEEP**
[54] **AUBE DE STATOR DE COMPRESSEUR A BALAYAGE AVANT DE BORD D'ATTAQUE**
[72] DUONG, HIEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-23
[41] 2018-05-24
[30] US (15/361,050) 2016-11-24

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[51] **Int.Cl. F16B 9/00 (2006.01) E04H 17/14 (2006.01) E04H 17/22 (2006.01) E04H 17/26 (2006.01) F16B 1/00 (2006.01) F16B 12/02 (2006.01)**
[25] EN
[54] **FENCE BRACKET**
[54] **SUPPORT DE CLOTURE**
[72] LIN, JIN-JIE, US
[72] BALZHISER, DAVID E., US
[71] SIMPSON STRONG-TIE COMPANY, INC., US
[22] 2017-05-26
[41] 2018-05-21
[30] US (62/424,970) 2016-11-21

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[13] A1
[51] **Int.Cl. B65D 90/02 (2006.01) B62D 25/00 (2006.01)**
[25] EN
[54] **INNER WALL SYSTEM FOR CARGO CONTAINER**
[54] **SYSTEME DE PAROI INTERIEURE DE CONTENEUR**
[72] KAUFFMAN, GREGORY ALAN, US
[71] ANCRA INTERNATIONAL LLC, US
[22] 2017-06-28
[41] 2018-05-23
[30] US (62/425,806) 2016-11-23
[30] US (62/481,850) 2017-04-05

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[13] A1
[51] **Int.Cl. B65B 35/00 (2006.01) A61J 7/00 (2006.01) B65G 47/53 (2006.01)**
[25] EN
[54] **MAIL MANIFEST SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE TEMOIN POSTAL**
[72] HOFFMAN, ROBERT E., US
[72] JOPLIN, JONATHAN W., US
[71] EXPRESS SCRIPTS, INC., US
[22] 2017-08-09
[41] 2018-05-22
[30] US (15/358260) 2016-11-22

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[51] **Int.Cl. B65B 5/00 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **MANUAL STATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE STATION MANUELLE**
[72] HOFFMAN, ROBERT E., US
[72] JOPLIN, JONATHAN W., US
[71] EXPRESS SCRIPTS, INC., US
[22] 2017-08-09
[41] 2018-05-22
[30] US (15/358326) 2016-11-22

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F01D 5/10 (2006.01) F16J 15/44 (2006.01)**
[25] EN
[54] **BRUSH SEAL ASSEMBLY AND METHOD**
[54] **ENSEMBLE DE JOINT A BROSSE ET METHODE**
[72] THERATIL, IGNATIUS, CA
[72] COUTU, DANIEL, CA
[72] HOULE, NICOLA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-15
[41] 2018-05-21
[30] US (15/357,158) 2016-11-21

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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/50 (2006.01)**
[25] EN
[54] **ADJUSTABLE ROLLER BLIND MOUNTING BRACKET WITH BLIND FABRIC PROTECTOR**
[54] **SUPPORT D'INSTALLATION DE STORE ENROULEUR AJUSTABLE DOTE D'UN PROTECTEUR DE TISSU DE STORE**
[72] NG, PHILIP, CA
[71] ZMC METAL COATING INC., CA
[22] 2017-09-06
[41] 2018-05-24
[30] US (62/426,250) 2016-11-24

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[13] A1
[51] **Int.Cl. B22F 3/105 (2006.01) B33Y 10/00 (2015.01) B33Y 40/00 (2015.01) C23C 24/04 (2006.01) F01C 21/10 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A COMPONENT WITH PASSAGES**
[54] **METHODE DE FABRICATION D'UNE COMPOSANTE DOTEE DE PASSAGES**
[72] RICHARD, FRANCOIS, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-09-07
[41] 2018-05-21
[30] US (15/357,447) 2016-11-21

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[51] **Int.Cl. E05C 3/12 (2006.01) E05B 83/00 (2014.01) B64C 1/14 (2006.01) B64D 47/00 (2006.01) F16P 1/00 (2006.01)**
[25] EN
[54] **AIRCRAFT DOOR LATCH ARM ROTATION LIMITING DEVICE**
[54] **DISPOSITIF DE LIMITATION DE ROTATION DE BRAS DE VERROU DE PORTE D'AERONEF**
[72] EDWARDS, CURTIS R., US
[71] THE BOEING COMPANY, US
[22] 2017-09-19
[41] 2018-05-20
[30] US (15/356,606) 2016-11-20

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[13] A1
[51] **Int.Cl. B64C 11/04 (2006.01) B64C 27/43 (2006.01) B64C 27/51 (2006.01) B64C 27/82 (2006.01) F16F 1/40 (2006.01)**
[25] EN
[54] **AXIAL SPRINGS FOR ROTOR HUB ASSEMBLY**
[54] **RESSORTS AXIAUX DESTINES A UN ASSEMBLAGE DE MOYEU DE ROTOR**
[72] HAMPTON, DALTON T., US
[72] PARHAM, THOMAS CLEMENT, JR., US
[71] BELL HELICOPTER TEXTRON INC., US
[22] 2017-10-03
[41] 2018-05-22
[30] US (15/359,594) 2016-11-22

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) B66C 23/18 (2006.01) B66C 23/68 (2006.01) G01N 23/00 (2006.01)**
[25] EN
[54] **INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION**
[72] FAN, XUPING, CN
[72] SONG, QUANWEI, CN
[72] CHEN, ZHIQIANG, CN
[72] SUN, SHANGMIN, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2017-10-05
[41] 2018-05-25
[30] CN (201611056418.X) 2016-11-25

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[51] **Int.Cl. B64D 27/10 (2006.01) B64D 29/00 (2006.01) B64D 33/02 (2006.01) B64D 33/04 (2006.01) B64D 35/00 (2006.01) F02C 7/36 (2006.01) F02K 1/78 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **AIRPLANE WITH ANGLE-MOUNTED TURBOPROP ENGINE**
[54] **AERONEF EQUIPE D'UN MOTEUR TURBOPROPULSEUR INSTALLE A ANGLE**
[72] KELLER, RICHARD K., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-10-10
[41] 2018-05-22
[30] US (15/359188) 2016-11-22

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[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) G01N 1/31 (2006.01)**
[25] EN
[54] **SLIDE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE COULISSE**
[72] VON BUEREN, ERICO, US
[72] VAN DEN BERG, RALF, US
[71] SAKURA FINETEK U.S.A., INC., US
[22] 2017-10-13
[41] 2018-05-22
[30] US (15/359,484) 2016-11-22

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[51] **Int.Cl. B23B 47/28 (2006.01) B23B 49/02 (2006.01) E04F 15/02 (2006.01) E04F 21/20 (2006.01)**
[25] EN
[54] **PREDRILL GUIDE TOOLS AND METHODS**
[54] **OUTILS ET METHODES DE GUIDE DE PREFORAGE**
[72] BRIGHAM, GUEARY ANDREW, US
[71] SIMPSON STRONG-TIE COMPANY INC., US
[22] 2017-10-20
[41] 2018-05-22
[30] US (62/425,496) 2016-11-22
[30] US (15/398,308) 2017-01-04

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[13] A1
[51] **Int.Cl. G07F 11/00 (2006.01) G07F 1/00 (2006.01)**
[25] EN
[54] **VENDING MACHINE FOR RETAINING AND DISPENSING FEMININE HYGIENE PRODUCTS THROUGH A NOVEL MECHANICAL OPERATING APPARATUS**
[54] **MACHINE DISTRIBUTRICE DESTINEE A RETENIR ET DISTRIBUER DES PRODUITS D'HYGIENE FEMININE AU MOYEN D'UN APPAREIL NOVATEUR A FONCTIONNEMENT MECANIQUE**
[72] MORAD, FRED L., US
[72] CAMP, WILLIAM P., US
[72] BENECKE, ARNOLD G., US
[72] ACOSTA, ROBERT A., US
[71] TRANZONIC COMPANIES, US
[22] 2017-10-20
[41] 2018-05-21
[30] US (15358085) 2016-11-21

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[13] A1
[51] **Int.Cl. E03C 1/05 (2006.01) E03C 1/04 (2006.01)**
[25] EN
[54] **HOSPITAL OZONE FAUCET**
[54] **ROBINET D'HOPITAL DESTINE A L'APPROVISIONNEMENT D'OZONE**
[72] MACEY, CORY, CA
[71] FRANKE TECHNOLOGY AND TRADEMARK LTD., CH
[22] 2017-10-26
[41] 2018-05-21
[30] US (62/424768) 2016-11-21

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[51] **Int.Cl. F21V 29/70 (2015.01) F21V 29/74 (2015.01) F21V 29/80 (2015.01) F28F 7/00 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **HEATSINK**
[54] **PUITS THERMIQUE**
[72] ONDA, JOSEPH J., US
[72] SUTTLES, BENJAMIN MARSHALL, US
[72] REILLY, JOHN M., US
[72] SHANER, JEFF R., US
[71] ABL IP HOLDING LLC, US
[22] 2017-11-01
[41] 2018-05-21
[30] US (15/357,794) 2016-11-21
[30] US (15/357,188) 2016-11-21

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[13] A1
[51] **Int.Cl. H01M 8/2483 (2016.01) H01M 8/0202 (2016.01)**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] KONDO, TAKASHI, JP
[72] HASHIMOTO, KEIJI, JP
[72] KANNO, DAISUKE, JP
[71] TOYOTA SHATAI KABUSHIKI KAISHA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-11-03
[41] 2018-05-22
[30] JP (2016-227051) 2016-11-22

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[13] A1
[51] **Int.Cl. A45F 3/04 (2006.01) A45F 3/14 (2006.01) A45F 5/00 (2006.01)**
[25] EN
[54] **SLIP BELT CARRYING APPARATUS**
[54] **DISPOSITIF DE TRANSPORT A CEINTURE COULISSANTE**
[72] DANFORTH, WAYNE, CA
[71] FORESHORE TRAM & MOORAGE LTD., CA
[22] 2017-11-07
[41] 2018-05-21
[30] US (15356917) 2016-11-21

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[13] A1
[51] **Int.Cl. B65D 81/05 (2006.01) A45F 5/00 (2006.01) B65D 81/07 (2006.01)**
[25] EN
[54] **CARRYING APPARATUS WITH INTERNAL SUSPENSION**
[54] **APPAREIL DE TRANSPORT DOTE D'UNE SUSPENSION INTERNE**
[72] DANFORTH, WAYNE, CA
[71] FORESHORE TRAM & MOORAGE LTD., CA
[22] 2017-11-07
[41] 2018-05-21
[30] US (15356917) 2016-11-21

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[13] A1
[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **WIRELESS TRAFFIC OPTIMIZATION FOR ISM RADIOS**
[54] **OPTIMISATION DE TRAFIC SANS FIL DESTINEE A DES RADIOS A USAGES INDUSTRIELS, SCIENTIFIQUES ET MEDICAUX**
[72] MESTER, TIMOTHY G., US
[72] LAZAR, PATRICK I., US
[71] FREEWAVE TECHNOLOGIES, INC., US
[22] 2017-11-08
[41] 2018-05-23
[30] US (15/359,947) 2016-11-23

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[13] A1
[51] **Int.Cl. H01L 21/66 (2006.01)**
[25] EN
[54] **INTEGRATED CIRCUIT IMAGING, RENDERING AND LAYOUT EDITING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'IMAGERIE, DE RENDU ET DE MODIFICATION DE DISPOSITION DE CIRCUIT INTEGRE**
[72] CARLSON, DALE, CA
[71] TECHINSIGHTS INC., CA
[22] 2017-11-08
[41] 2018-05-23
[30] US (62/426,188) 2016-11-23

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[13] A1
[51] **Int.Cl. G01D 18/00 (2006.01) G01F 25/00 (2006.01)**
[25] EN
[54] **MODULAR METERING SYSTEM**
[54] **SYSTEME DE DOSAGE MODULAIRE**
[72] ARTIUCH, ROMAN LEON, US
[71] DRESSER, INC., US
[22] 2017-11-09
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[51] **Int.Cl. F23R 3/54 (2006.01) F02C 3/14 (2006.01) F02C 7/12 (2006.01) F23R 3/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPINGEMENT COOLING OF TURBINE SYSTEM COMPONENTS**
[54] **SYSTEME ET METHODE DE REFROIDISSEMENT PAR CONTACT DE COMPOSANTES DE SYSTEME DE TURBINE**
[72] SEDLOV, ANDREY, CH
[72] BAIBUZENKO, IGOR, RU
[72] VASSILIEV, VLADIMIR, CH
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2017-11-09
[41] 2018-05-21
[30] RU (2016145441) 2016-11-21

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[51] **Int.Cl. C03C 8/10 (2006.01) C04B 41/86 (2006.01)**
[25] EN
[54] **CERAMIC ARTICLE AND METHOD FOR PRODUCING SAME**
[54] **ARTICLE EN CERAMIQUE ET METHODE DE PRODUCTION DUDIT ARTICLE**
[72] LATIEF, OTHMAR, DE
[72] SANDER, SEBASTIAN, DE
[72] STAMMEL, THOMAS, DE
[71] DURAVIT AKTIENGESELLSCHAFT, DE
[22] 2017-11-08
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[51] **Int.Cl. A61M 25/10 (2013.01) A61B 34/20 (2016.01) A61B 18/14 (2006.01) A61M 25/04 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **DOUBLE BALLOON CATHETER HAVING A LOBED INNER BALLOON**
[54] **CATHETER A BALLONNET DOUBLE COMPORTANT UN BALLONNET INTERNE LOBE**
[72] HERREERA, KEVIN JUSTIN, IL
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-11-15
[41] 2018-05-23
[30] US (15/360,967) 2016-11-23

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[51] **Int.Cl. A61L 2/16 (2006.01) A61L 2/24 (2006.01) A61L 2/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING IMPROPER POSITIONING OF REMOVABLE COMPONENT OF STERILIZING SYSTEM**
[54] **APPAREIL ET METHODE SERVANT A DETECTER LE MAUVAIS POSITIONNEMENT DE COMPOSANTE AMOVIBLE DE SYSTEME DE STERILISATION**
[72] TRUONG, DOUG VO, US
[72] MOK, LAWRENCE Y., US
[71] ETHICON, INC., US
[22] 2017-11-14
[41] 2018-05-21
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[54] **MOLECULAR MODELS**
[54] **MODELES MOLECULAIRES**
[72] FEKL, ULRICH W., CA
[71] FEKL, ULRICH W., CA
[22] 2017-11-16
[41] 2018-05-21
[30] US (US 62/424,659) 2016-11-21
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[51] **Int.Cl. H02M 7/483 (2007.01)**
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[54] **THREE-PHASE THREE-LEVEL INVERTER WITH ACTIVE VOLTAGE BALANCE**
[54] **INVERSEUR TROIS NIVEAUX TRIPHASE A EQUILIBRAGE DE TENSION ACTIF**
[72] JIAO, DA, US
[72] LIU, YU, US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
[22] 2017-11-15
[41] 2018-05-22
[30] US (15/358,590) 2016-11-22

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[51] **Int.Cl. G06F 17/00 (2006.01) H04N 21/466 (2011.01) H04N 21/84 (2011.01)**
[25] EN
[54] **CONTENT RECOMMENDATION SYSTEM WITH WEIGHTED METADATA ANNOTATIONS**
[54] **SYSTEME DE RECOMMANDATION DE CONTENU A ANNOTATIONS DE METADONNEES PONDEREES**
[72] SAYYADI-HARIKANDEHEI, HASSAN, US
[72] JOJIC, OLIVER, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-11-16
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[51] **Int.Cl. B01D 3/20 (2006.01)**
[25] FR
[54] **DISTRIBUTION PLATE FOR AN EXCHANGE COLUMN INCLUDING A DISPERSIVE MATERIAL IN A CHIMNEY FOR THE PASSAGE OF GAS**
[54] **PLATEAU DISTRIBUTEUR POUR COLONNE D'ECHANGE COMPRENANT UN MATERIAU DISPERSIF AU SEIN D'UNE CHEMINEE POUR LE PASSAGE DU GAZ**
[72] BRAHEM, RIM, FR
[72] ALIX, PASCAL, FR
[72] ROESLER, JOHN, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2017-11-15
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[30] FR (16 61 339) 2016-11-22

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[51] **Int.Cl. F16K 21/04 (2006.01) E03C 1/05 (2006.01) F16K 11/22 (2006.01) F16K 31/12 (2006.01)**
[25] EN
[54] **VALVE CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COMMANDE DE VANNE**
[72] HAHN, RONALD T., US
[71] ACORN ENGINEERING COMPANY, US
[22] 2017-11-17
[41] 2018-05-23
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[25] EN
[54] **TRANSFORMER**
[54] **TRANSFORMATEUR**
[72] OGUCHI, MASAHIRO, JP
[72] MATSUOKA, YOSHIHARU, JP
[72] MUTO, JUN, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-11-17
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[51] **Int.Cl. E21B 33/08 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **WIPER PLUG SEAL INTEGRITY SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE VISANT L'INTEGRITE DE JOINT DE BOUCHON DE SEGMENT RACLEUR**
[72] GEORGE, KEVIN R., US
[72] SHAFFER, RAYMOND C., US
[71] GEODYNAMICS, INC., US
[22] 2017-11-17
[41] 2018-05-22
[30] US (62/425,509) 2016-11-22
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[25] EN
[54] **MODULAR SOLID STATE HIGH BAY LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE DE VOUTE MODULAIRE A SEMI-CONDUCTEURS**
[72] CHAMI, AYMEN, US
[72] ORTEGA, BRYAN, US
[71] MAXLITE, INC., US
[22] 2017-11-17
[41] 2018-05-22
[30] US (62/425,234) 2016-11-22

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[51] **Int.Cl. A61G 5/14 (2006.01) A47C 1/00 (2006.01) A47C 3/20 (2006.01) A47C 17/04 (2006.01) A61G 5/00 (2006.01)**
[25] EN
[54] **REHABILITATION LIFTING AND LOWERING AID**
[54] **UNE AIDE DE READAPTATION A FONCTION DE MONTEE ET DE DESCENTE**
[72] GEISELMAN, GROVER J., III, US
[71] GEISELMAN, GROVER J., III, US
[22] 2017-11-20
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[30] US (15/360,970) 2016-11-23

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[51] **Int.Cl. A62B 35/00 (2006.01)**
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[54] **FALL ARREST ANCHOR**
[54] **ANCRAGE ANTI-CHUTE**
[72] GURTLER, DEAN, CA
[72] KERMOCIEV, DALE, CA
[71] METRO SAFETY RAIL INCORPORATED, CA
[22] 2017-11-20
[41] 2018-05-21
[30] US (62425066) 2016-11-21
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[25] EN
[54] **BIOMEDICAL SENSING METHODS AND APPARATUS FOR THE DETECTION AND PREVENTION OF LUNG CANCER STATES**
[54] **METHODES DE DETECTION BIOMEDICALE ET APPAREIL DE DETECTION ET PREVENTION D'ETATS DE CANCER DU POUMON**
[72] FLITSCH, FREDERICK, US
[72] PUGH, RANDALL B., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-11-20
[41] 2018-05-21
[30] US (62/424,719) 2016-11-21
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[25] EN
[54] **ELECTROMAGNETIC NAVIGATION REGISTRATION USING ULTRASOUND**
[54] **ENREGISTREMENT DE NAVIGATION ELECTROMAGNETIQUE AU MOYEN D'ULTRASON**
[72] KOYRAKH, LEV A., US
[72] STOPEK, JOSHUA B., US
[71] COVIDIEN LP, US
[22] 2017-11-20
[41] 2018-05-21
[30] US (62/424,853) 2016-11-21
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[25] EN
[54] **ELEVATOR COVER ASSEMBLY**
[54] **DISPOSITIF DE RECOUVREMENT D'ASCENSEUR**
[72] MILLER, HARRY, US
[72] FRISCH, MICHAEL, US
[72] METCALFE, RAY, US
[71] HARRY MILLER COMPANY, INC., US
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[41] 2018-05-21
[30] US (15/358,108) 2016-11-21

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[25] EN
[54] **ADJUSTABLE PIPE ROLL AND SUPPORT MECHANISM**
[54] **MECANISME DE ROULEAU ET SUPPORT DE TUYAU AJUSTABLE**
[72] COLLINS, ROBERT H., JR., US
[71] SUMNER MANUFACTURING COMPANY, LLC, US
[22] 2017-11-20
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[30] US (15/360,056) 2016-11-23

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[13] A1
[51] **Int.Cl. B64D 9/00 (2006.01) B60P 7/08 (2006.01)**
[25] EN
[54] **ANTI-RATTLING DEVICE FOR PALLETS IN CARGO AIRCRAFT**
[54] **DISPOSITIF ANTI-REBOND DESTINE AUX PALETTES D'UN AERONEF DE TRANSPORT DE MARCHANDISES**
[72] CONEJERO MORENO, FEDERICO, ES
[72] GARCIA FEIJOO, UNAI, ES
[71] AIRBUS DEFENCE AND SPACE, S.A.U., ES
[22] 2017-11-20
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[30] EP (EP16382553.2) 2016-11-24

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[51] **Int.Cl. E06B 11/02 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HANGING FENCE GATES**
[54] **SYSTEME ET METHODE DE SUSPENSION DE PORTES DE CLOTURE**
[72] HARRISON, DANIEL, JR., US
[71] EMERAPEARL, LLC, US
[22] 2017-11-21
[41] 2018-05-21
[30] US (62/424,838) 2016-11-21

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[25] EN
[54] **PLASTIC WALL PANEL WITH EDGE REINFORCEMENT**
[54] **PANNEAU DE PAROI DE PLASTIQUE A BORDURE RENFORCEE**
[72] VOGLER, MICHAEL R., US
[72] REYBURN, JUSTIN C., US
[71] SUNCAST TECHNOLOGIES, LLC, US
[22] 2017-11-21
[41] 2018-05-22
[30] US (62/425,452) 2016-11-22
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[51] **Int.Cl. H02G 3/14 (2006.01) F21S 8/04 (2006.01) H02G 3/16 (2006.01)**
[25] EN
[54] **TOOL-LESS APPARATUS AND METHOD FOR SECURING LIGHTING ENCLOSURE COVER**
[54] **APPAREIL SANS OUTIL ET METHODE DE FIXATION D'UN COUVERCLE DE BOITIER D'ECLAIRAGE**
[72] NOWAK, DAVID, US
[71] NOWAK, DAVID, US
[22] 2017-11-21
[41] 2018-05-22
[30] US (62/425,142) 2016-11-22
[30] US (15/793,378) 2017-10-25

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[51] **Int.Cl. B65B 13/20 (2006.01)**
[25] EN
[54] **BALING PRESS AND METHOD OF PRESSING AND TYING BALES IN A BALING PRESS**
[54] **PRESSE DE MISE EN BALLES ET METHODE DE PRESSAGE ET FICELAGE DE BALLES DANS UNE PRESSE DE MISE EN BALLES**
[72] HOGERVORST, WOUTER HENDRIK, NL
[71] BOLLEGRAAF PATENTS AND BRANDS B.V., NL
[22] 2017-11-21
[41] 2018-05-21
[30] EP (EP 16199753.1) 2016-11-21

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[51] **Int.Cl. F21V 14/08 (2006.01) F21V 11/08 (2006.01)**
[25] EN
[54] **SHABBAT BULB WITH GEAR CONTROLLED BLACKOUT MECHANISM**
[54] **AMPOULE DESTINEE AU RESPECT DU SHABBAT DOTEE D'UN MECANISME D'EXTINCTION CONTROLE PAR UN ENGRENAGE**
[72] KOHN, MORDECHAI, US
[72] LUK, JOHN, US
[71] LIGHTING & SUPPLIES, INC., US
[22] 2017-11-22
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[30] US (62/425,997) 2016-11-23

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[51] **Int.Cl. A63B 71/12 (2006.01) A41D 13/015 (2006.01)**
[25] EN
[54] **NECK PROTECTIVE APPARATUS**
[54] **APPAREIL DE PROTECTION DU COU**
[72] PILON, JEFF, CA
[71] TURTLE NECK SPORT APPAREL, CA
[22] 2017-11-22
[41] 2018-05-22
[30] US (62/425,259) 2016-11-22

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[13] A1
[51] **Int.Cl. B23F 23/12 (2006.01) B23Q 17/20 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR THE AUTOMATED MACHINING AND TESTING OF GEAR COMPONENTS**
[54] **UNE METHODE ET UN DISPOSITIF DESTINES A L'USINAGE ET A L'ESSAI AUTOMATISES DE COMPOSANTES D'ENGRENAGE**
[72] SCHWEIZER, MARTIN, DE
[72] SEIBICKE, FRANK, DE
[71] KLINGELNBERG AG, CH
[22] 2017-11-21
[41] 2018-05-21
[30] EP (16 199 812.5) 2016-11-21

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[51] **Int.Cl. B23D 59/00 (2006.01) B23Q 39/00 (2006.01)**
[25] EN
[54] **TRAVELLING SAW SAMPLE CUT SYSTEM**
[54] **SYSTEME MOBILE DE DECOUPE D'ECHANTILLON A LA SCIE**
[72] MIHAILESCU, GHEORGHE, US
[72] GAWLOWSKI, TED, CA
[72] CUZZOLINO, MARCELLO, CA
[71] ATLAS TUBE CANADA ULC, CA
[22] 2017-11-21
[41] 2018-05-22
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[13] A1
[51] **Int.Cl. E04H 4/14 (2006.01) E04H 4/04 (2006.01)**
[25] EN
[54] **FLEXIBLE TOP CAP FOR A POOL**
[54] **RECOUVREMENT SOUPLE DESTINE A UNE PISCINE**
[72] EPPLE, THOMAS A., US
[71] TRIVECTOR MANUFACTURING INC., US
[22] 2017-11-21
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[51] **Int.Cl. B21D 51/06 (2006.01) B23K 10/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANIPULATING METAL WORKPIECES**
[54] **METHODE ET APPAREIL DE MANIPULATION DE PIECES DE TRAVAIL METALLIQUES**
[72] KERSKA, STEVEN J., US
[72] WELTY, JOHN R., US
[72] COON, TIMOTHY A., US
[71] MESTEK MACHINERY, INC., US
[22] 2017-11-21
[41] 2018-05-22
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[13] A1
[51] **Int.Cl. G02B 6/46 (2006.01) H04L 12/00 (2006.01)**
[25] FR
[54] **UN BOITIER DOTE D'UNE SURFACE DE MONTAGE OFFRANT UN ACCES APRES INSTALLATION**
[54] **A HOUSE BOX WITH MOUNTING SURFACE FOR MOUNTED ACCESS**
[72] CARAPELLA, PETER A., US
[72] CRAWFORD, WILLIAM P., US
[71] PPC BROADBAND, INC., US
[22] 2017-11-21
[41] 2018-05-21
[30] US (62/425,046) 2016-11-21

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[13] A1
[51] **Int.Cl. H01H 83/00 (2006.01)**
[25] EN
[54] **A METHOD TO UTILIZE MULTIPLE CONFIGURATION SOFTWARE FOR DF/CAFI BREAKERS**
[54] **UNE METHODE SERVANT A UTILISER UN LOGICIEL MULTI-CONFIGURATION DESTINE A DES DISJONCTEURS DOUBLE FONCTION/INTERRUPTEUR DE CIRCUIT SUR DEFAUT D'ARC**
[72] JAKUPI, ANDI, US
[71] SCHNEIDER ELECTRIC USA, INC, US
[22] 2017-11-22
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[30] US (15/360,007) 2016-11-23

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[51] **Int.Cl. H04N 19/567 (2014.01) H04N 19/13 (2014.01) H04N 19/436 (2014.01) H04N 19/56 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PARALLEL RATE-CONSTRAINED MOTION ESTIMATION IN VIDEO CODING**
[54] **METHODE ET SYSTEME D'ESTIMATION DE MOUVEMENT LIMITE DE DEBIT PARALLELE DANS LE CODAGE VIDEO**
[72] HOJATI, ESMAEIL, CA
[72] FRANCHE, JEAN-FRANCOIS, CA
[72] COULOMBE, STEPHANE, CA
[72] VAZQUEZ, CARLOS, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[22] 2017-11-24
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[30] US (62/426,312) 2016-11-24

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[51] **Int.Cl. E04H 4/06 (2006.01) A01K 13/00 (2006.01) B63C 9/00 (2006.01) E04H 4/14 (2006.01)**
[25] EN
[54] **WATER EXIT DEVICE FOR ANIMALS**
[54] **DISPOSITIF DE SORTIE D'EAU DESTINE AUX ANIMAUX**
[72] LABUSCH, RALPH, CA
[71] LABUSCH INNOVATIONS INC., CA
[22] 2017-11-24
[41] 2018-05-24
[30] US (62/426,266) 2016-11-24

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[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PREVENTING COLLISIONS WHILE MOVING TUBULARS INTO AND OUT OF A WELLHEAD**
[54] **APPAREIL ET METHODE DE PREVENTION DES COLLISIONS PENDANT LE DEPLACEMENT DES COLONES DE PRODUCTION DANS UNE TETE DE PUITS OU HORS D'UNE TETE DE PUITS**
[72] MARTIN, BRADLEY ROBERT, CA
[72] HUG, ROBERT LOUIS, CA
[72] VALLET, CALVERT JOSEPH, CA
[71] INTELLIGENT WELLHEAD SYSTEMS INC., CA
[22] 2017-11-27
[41] 2018-05-25
[30] US (62/426,362) 2016-11-25

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[13] A1
[51] **Int.Cl. B65H 18/28 (2006.01) E04B 1/78 (2006.01) E06B 7/16 (2006.01) F16L 59/06 (2006.01)**
[25] EN
[54] **WINDOW INSULATING FILM ROLL, KIT AND METHOD OF INSTALLATION**
[54] **ROULEAU DE PELLICULE ISOLANTE POUR FENETRE, TROUSSE ET METHODE D'INSALLATION**
[72] MATHIEU, DAVID, CA
[72] SENER, JIM, CA
[72] REED, ANDREW, CA
[71] RCR INTERNATIONAL INC., CA
[22] 2017-11-24
[41] 2018-05-24
[30] US (62/426,289) 2016-11-24
[30] US (62/517,577) 2017-06-09
[30] US (62/529,821) 2017-07-07

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[51] **Int.Cl. E06B 7/23 (2006.01)**
[25] EN
[54] **DOOR SWEEP**
[54] **BAS DE PORTE**
[72] MATHIEU, DAVID, CA
[72] SENER, JIM, CA
[72] REED, ANDREW, CA
[71] RCR INTERNATIONAL INC., CA
[22] 2017-11-24
[41] 2018-05-24
[30] US (62/426,292) 2016-11-24
[30] US (62/426,277) 2016-11-24
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[51] **Int.Cl. G08B 21/10 (2006.01) H04W 4/02 (2018.01) G08G 1/16 (2006.01)**
[25] EN
[54] **DETECTING VEHICLE COLLISIONS BASED ON MOBILE COMPUTING DEVICE DATA**
[54] **DETECTION DE COLLISIONS DE VEHICULES FONDEE SUR LES DONNEES D'APPAREIL INFORMATIQUE MOBILE**
[72] WAHBA, KARIM, US
[72] TYAGI, DHRUV, US
[72] BEINSTEIN, ANDREW, US
[72] PRASAD, AMRITHA, US
[72] LAWRENCE, AUDREY, US
[72] ALVAREZ, JOSE, US
[72] PENNINGTON, STEVE, US
[72] TRACHTMAN, CORIN, US
[71] UBER TECHNOLOGIES, INC., US
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[54] **A SYSTEM AND METHOD UTILIZING DEFLECTION CONVERSION FOR INCREASING THE ENERGY EFFICEINCY OF A CIRCUIT AND TIME RATE OF CHARGING A DEVICE, DIFFERENT CIRCUIT CONFIGURATIONS COMPOSING A GROUP TERMED DEFLECTION CONVERTERS**
[54] **UN SYSTEME ET UNE METHODE EMPLOYANT LA CONVERSION DE DEFLEXION POUR AUGMENTER L'EFFICACITE ENERGETIQUE D'UN CIRCUIT ET LA RAPIDITE DE RECHARGE D'UN APPAREIL, DIFFERENTES CONFIGURATIONS COMPOSANT UN GROUPE APPELE CONVERTISSEURS DE DEFLEXION**
[72] MILLER, MITCHELL B., CA
[71] MILLER, MITCHELL B., CA
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[51] **Int.Cl. B01D 11/04 (2006.01)**
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[54] **MULTIPLE-STREAM PRESSURIZED LOW POLARITY WATER EXTRACTION APPARATUS, SYSTEM, AND METHODS OF USE**
[54] **APPAREIL D'EXTRACTION D'EAU A FAIBLE POLARITE SOUS PRESSION MULTI-FLUX**
[72] BLANK, KEEGAN, CA
[72] TORDIFFE, STEVE, CA
[72] RANKEN, LISA, CA
[71] MAZZA INNOVATION, LTD., CA
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[54] **PRESSURIZED SOLVENT EXTRACTION OF PLANT BIOMASS FEEDSTOCKS**
[54] **EXTRACTION DE SOLVANT SOUS PRESSION DE MATIERES PREMIERES DE BIOMASSE VEGETALE**
[72] MOSS, RYAN, CA
[72] CACACE, EDUARDO, CA
[72] LIGHTBURN, BENJAMIN, CA
[72] RANKEN, LISA, CA
[71] MAZZA INNOVATION LTD., CA
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[25] EN
[54] **A VEHICLE WITH A FOLDABLE FAIRING INTEGRATED FOOTSTEP UNIT**
[54] **UN VEHICULE DOTE D'UN MODULE DE MARCHEPIED INTEGRE DANS LE CARENAGE**
[72] NARAYANAPPA, HARISH, IN
[72] GORLICH, STEFAN, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[22] 2018-03-08
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[54] **APPARATUS FOR APPLYING HAIR BANDS**
[54] **APPAREIL DE POSE DE BANDES DE CHEVEUX**
[72] CHAN, HON HUNG JOSEPH, CN
[71] CONAIR CORPORATION, US
[22] 2018-03-12
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[54] **PORTABLE DESICCANT DEHUMIDIFIER**
[54] **DESHUMIDIFICATEUR PORTATIF COMPORTANT UN PRODUIT DESHYDRATANT**
[72] CARLSON, LAURENCE A., US
[72] COYNE, JEREMY DANIEL, US
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] EBERT, SEAN MICHAEL, US
[72] GIALLOMBARDO, RICHARD G., US
[72] STEFFES, MICHAEL J., US
[72] TRUMM, JOSHUA ALEXANDER, US
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[54] **RETRACTABLE HANDLE FOR A PORTABLE DEHUMIDIFIER**
[54] **POIGNEE RETRACTABLE DESTINEE A UN DESHUMIDIFICATEUR PORTATIF**
[72] DEMONTE, TODD R., US
[72] DINGLE, STEVEN S., US
[72] HENRY, JOSHUA WILLIAM, US
[72] SCHARPING, JAMES A., US
[72] VERHOEVEN, JEROME, US
[71] THERMA-STOR, LLC, US
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[25] FR
[54] **TOOTHED ROUTE OF A GEAR, GEAR DEVICE, TRANSMISSION GEAR BOX AND AIRCRAFT WITH A ROTARY WING**
[54] **ROUE DENTEE D'UN ENGRENAGE, DISPOSITIF D'ENGRENAGE, BOITE DE TRANSMISSION DE PUISSANCE ET AERONEF AYANT UNE VOILURE TOURNANTE**
[72] GOUJET, DAMIEN, FR
[71] AIRBUS HELICOPTERS, FR
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[54] **METHODE DE VERIFICATION DES DONNEES ET SYSTEME DE STOCKAGE**
[72] WEI, MINGCHANG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **IMPROVED APPARATUS FOR CLEANING SPRAY GUNS**
[54] **APPAREIL AMELIORE DESTINE AU NETTOYAGE DE PISTOLETS DE VAPORISATION**
[72] PETTIT, NEIL, CA
[72] KALIA, VASUDHA, CA
[71] CRYSTAL CAP CLEANERS INC., CA
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[25] EN
[54] **IMPROVED HERBICIDE COMPOSITIONS FOR WEED CONTROL**
[54] **COMPOSITIONS HERBICIDES AMELIOREES POUR LA LUTTE CONTRE LES MAUVAISES HERBES**
[72] REFSELL, DAWN E., US
[71] VALENT U.S.A. LLC, US
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[25] EN
[54] **REAL-TIME INSPECTION OF AUTOMATED RIBBON PLACEMENT**
[54] **INSPECTION EN TEMPS REEL D'UNE MISE EN PLACE AUTOMATISEE D'UN RUBAN**
[72] MONCHALIN, JEAN-PIERRE, CA
[72] YOUSEFPOUR, ALI, CA
[72] LAMOUCHE, GUY, CA
[72] GAUTHIER, BRUNO, CA
[72] ROY, STEVEN, CA
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[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[25] EN
[54] **PACKET PROCESSING METHOD IN CLOUD COMPUTING SYSTEM, HOST, AND SYSTEM**
[54] **METHODE DE TRAITEMENT PAR PAQUET DANS UN SYSTEME INFORMATIQUE NUAGIQUE, HOTE ET SYSTEME**
[72] YU, ZHOU, CN
[72] ZHANG, LEIQIANG, CN
[72] ZHUANG, YUXIN, CN
[72] LUO, HAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-01-08
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[87] (2991208)

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[51] **Int.Cl. B60P 7/02 (2006.01) B60J 11/06 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM FOR A CARGO BED OF A VEHICLE**
[54] **SYSTEME DE COUVRE-TONNEAU DESTINE A UNE PLATEFORME DE CHARGEMENT D'UN VEHICULE**
[72] WILLIAMSON, SCOTT, US
[72] KOSINKI, DAVID, US
[72] YANG, MICHAEL, US
[72] YAN, XICHANG, CN
[72] TONG, JIANFENG, CN
[72] WEI, CHENGPING, CN
[72] SMITH, RONALD BRIAN, US
[72] BURGER, DANIEL DAVID, US
[72] MAYS, JAMES, US
[72] HIXSON, TAYLOR M., US
[71] RUGGED LINER, INC., US
[71] BEYOND INDUSTRIES (NANJING) LIMITED, CN
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[86] 2017-04-25 (PCT/CN2017/081841)
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[54] **NOVEL LINKERS AND THEIR USES IN SPECIFIC CONJUGATION OF DRUGS TO A BIOLOGICAL MOLECULE**
[54] **NOUVELLES SEQUENCES DE LIAISON ET LEURS UTILISATION POUR LA CONJUGAISON SPECIFIQUE DE MEDICAMENTS A UNE MOLECULE BIOLOGIQUE**
[72] ZHAO, ROBERT YONGXIN, US
[71] SUZHOU M-CONJ BIOTECH CO., LTD, CN
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[54] **EXTENSIBLE REAMING SELF-ANCHORING ANCHOR ROD AND SUPPORTING METHOD THEREOF**
[54] **TIGE D'ANCRE A AUTO-ANCRAGE A ALESAGE EXTENSIBLE ET METHODE DE SUPPORT ASSOCIEE**
[72] ZHANG, NONG, CN
[72] MA, PENG, CN
[72] HAN, CHANGLIANG, CN
[72] ZIE, ZHENGZHENG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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[54] **AGRONOMIC METHOD FOR THE PRODUCTION OF VEGETABLES AND MUSHROOMS**
[54] **PROCEDE AGRONOMIQUE POUR LA PRODUCTION DE LEGUMES ET DE CHAMPIGNONS**
[72] ROLLI, GIAN PAOLO, IT
[71] INDUSTRIE ROLLI ALIMENTARI S.P.A., IT
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[54] **COATINGS**
[54] **REVETEMENTS**
[72] ROBB, JOHN, GB
[72] WAN, ANN SARAH, GB
[72] LOWRY, KARL, GB
[72] WATERS, DARREN J., GB
[72] EDWARDS, JOHN L., GB
[71] VENATOR MATERIALS UK LIMITED, GB
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[25] EN
[54] **MICROBES FOR VISCOSITY REDUCTION OF HEAVY OIL AND PROCESS THEREOF**
[54] **MICROBES POUR LA REDUCTION DE LA VISCOSITE DU PETROLE LOURD ET PROCEDE ASSOCIE**
[72] LAVANIA, MEETA, IN
[72] LAL, BANWARI, IN
[72] RANA, DOLLY PAL, IN
[72] KUMAR, SUBIR, IN
[71] THE ENERGY AND RESOURCES INSTITUTE, IN
[71] OIL AND NATURAL GAS CORPORATION LIMITED, IN
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[54] **STIMULATION FOR TREATING SLEEP DISORDERED BREATHING**
[54] **STIMULATION POUR LE TRAITEMENT DE TROUBLES RESPIRATOIRES DU SOMMEIL**
[72] WAGNER, DARRELL, US
[72] NI, QUAN, US
[72] RONDONI, JOHN, US
[72] DIEKEN, DAVE, US
[71] INSPIRE MEDICAL SYSTEMS, INC., US
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[30] US (62/135,305) 2015-03-19

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[51] **Int.Cl. A61H 1/00 (2006.01) A61H 9/00 (2006.01)**
[25] EN
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[54] **SYSTEME DE DETECTION ET DE GONFLAGE DE MANCHON DE PRESSION**
[72] SAGGERS, CHRISTOPHER JOHN, GB
[71] GRIFFITHS & NIELSEN LIMITED, GB
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[54] **CAPTEUR MULTICOUCHE ELECTRIQUEMENT CONDUCTEUR**
[72] ELLIOTT, HOWARD, GB
[71] FUTURE TECHNOLOGY (SENSORS) LTD, GB
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[54] **METHOD AND DEVICE FOR RESOURCE ALLOCATION**
[54] **PROCEDE ET DISPOSITIF D'ATTRIBUTION DE RESSOURCE**
[72] LIU, HONGMEI, CN
[72] JIANG, LEI, CN
[72] WANG, GANG, CN
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[25] EN
[54] **A CIRCUMFERENTIAL FLUX ELECTRIC MACHINE WITH FIELD WEAKENING MECHANISMS AND METHODS OF USE**
[54] **MACHINE ELECTRIQUE A FLUX CIRCONFERENTIEL A MECANISMES D'AFFAIBLISSEMENT DE CHAMP ET SON PROCEDE D'UTILISATION**
[72] HUNSTABLE, FRED E., US
[71] LINEAR LABS, LLC, US
[85] 2018-04-06
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[25] FR
[54] **SYSTEM AND METHOD FOR REMOTELY LOCKING AND UNLOCKING A VEHICLE**
[54] **SYSTEME ET PROCEDE DE VERROUILLAGE ET DE DEVERROUILLAGE A DISTANCE D'UN VEHICULE**
[72] HAUGEDE, TIMOTHEE, FR
[72] CRUNELLE, ROMAIN, FR
[71] ELIOCITY, FR
[85] 2018-05-03
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[25] FR
[54] **SYSTEM FOR ELECTROCHEMICAL DETECTION OF MOLECULES OF INTEREST**
[54] **SYSTEME DE DETECTION ELECTROCHIMIQUE DE MOLECULES D'INTERET**
[72] KORRI-YOUSSOUFI, HAFSA, FR
[72] MIODEK, ANNA, FR
[72] MEJRI, NAWEL, FR
[71] UNIVERSITE PARIS-SUD, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING FRAGILE X SYNDROME AND RELATED SYNDROMES**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE TRAITER LE SYNDROME DE L'X FRAGILE ET DES SYNDROMES ASSOCIES**
[72] DAVIDSON, BEVERLY L., US
[72] YRIGOLLEN, CAROLYN M., US
[72] MONTEYS, ALEJANDRO, US
[72] SIMPSON, BRYAN, US
[71] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
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[25] EN
[54] **A METHOD OF SEALING A DUROTOMY**
[54] **PROCEDE DE SCELLEMENT D'UNE DUROTOMIE**
[72] FLOYD, TIMOTHY, US
[72] MESSINA, PHILIP A., US
[71] ST. TERESA MEDICAL, INC., US
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[30] US (62/254,472) 2015-11-12

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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **PD1 AND/OR LAG3 BINDERS**
[54] **LIANTS PD1 ET/OU LAG3**
[72] BOWMAN, EDWARD, US
[72] BEAUMONT, MARIBEL, US
[72] BUYSE, MARIE-ANGE, BE
[72] BOUTTON, CARLO, BE
[72] DOMBRECHT, BRUNO, BE
[72] VLERICK, DAVID, BE
[72] KASTELEIN, ROBERT A., US
[71] MERCK SHARP & DOHME CORP., US
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[54] **SYSTEMES DE POMPAGE DE FLUIDE MEDICAL ET PROCEDES ASSOCIES**
[72] EGLEY, BERT D., US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[25] EN
[54] **SCREENING METHODS FOR ASPHALTENE STABILIZERS**
[54] **PROCEDES DE CRIBLAGE DE STABILISATEURS D'ASPHALTENES**
[72] CHEN, SHUANGSHUANG, US
[72] COY, DANIEL, US
[72] SUBRAMANI, VELU, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[25] EN
[54] **CHEMICAL RECYCLING OF POLYETHYLENE TEREPHTHALATE BY MICROWAVE IRRADIATION**
[54] **RECYCLAGE CHIMIQUE DE TEREPHTALATE DE POLYETHYLENE PAR IRRADIATION PAR MICRO-ONDES**
[72] PARROTT, MATTHEW, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2018-05-08
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[30] US (62/258,116) 2015-11-20

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[51] **Int.Cl. C12N 15/861 (2006.01)**
[25] EN
[54] **PROMOTERS AND USES THEREOF**
[54] **PROMOTEURS ET LEURS UTILISATIONS**
[72] DALKARA, DENIZ, FR
[72] PICAUD, SERGE, FR
[72] DESROSIERS, MELISSA, FR
[72] SAHEL, JOSE-ALAIN, FR
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[72] BEMELMANS, ALEXIS, FR
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[54] **SYSTEME DE RAYONNAGE COMPRENANT DES ETAGERES MOBILES**
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[71] KONECRANES GLOBAL CORPORATION, FI
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[54] **INDICATEUR DE TEMPS ECOULE MICROFLUIDIQUE**
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[71] UWI TECHNOLOGY LIMITED, GB
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[54] **A METHOD OF EXTRACTING GAS FROM GAS SHALE DEPOSIT AND A DEVICE FOR EXTRACTING GAS FROM GAS SHALE DEPOSIT**
[54] **PROCEDE D'EXTRACTION DE GAZ A PARTIR DE DEPOT DE GAZ DE SCHISTE ET DISPOSITIF D'EXTRACTION DE GAZ A PARTIR DE DEPOT DE GAZ DE SCHISTE**
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[72] LAFLEUR, LOUIS FRANCIS, US
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[71] SONY CORPORATION, JP
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[54] **METHODE DE TRAITEMENT DE LA MUCOSITE**
[72] SOHN, KI YOUNG, KR
[71] ENZYCHEM LIFESCIENCES CORPORATION, KR
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[54] **SYSTEME D'AUTHENTIFICATION BIOMETRIQUE DE CLE PUBLIQUE/PRIVEE**
[72] HERDER, CHARLES H., III, US
[72] SRIVASTAVA, TINA P., US
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[71] GWD GLOBAL, INC., US
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[54] **PROCEDE DE PRODUCTION D'UN ENGRAIS COMPRENANT DU SULFATE DE POTASSIUM**
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[72] PRINDLE, MARC, US
[72] NABAVI, MELUD, US
[72] OSTRANDER, CRAIG, US
[72] LEHMANN, TAYLOR, US
[72] VELLUCCI, SAMANTHA, US
[72] KOVARIK, MICHAEL, US
[72] CHASE, JACK, US
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[71] CEDARS-SINAI MEDICAL CENTER, US
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[54] **APPRENTISSAGE PAR RENFORCEMENT PROFOND ASYNCHRONE**
[72] MNIH, VOLODYMYR, GB
[72] BADIA, ADRIA PUIGDOMENECH, GB
[72] GRAVES, ALEXANDER BENJAMIN, GB
[72] HARLEY, TIMOTHY JAMES ALEXANDER, GB
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[54] **AGREGATION DE MICROPARTICULES EN VUE D'UNE THERAPIE MEDICALE**
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[72] KAYS, JOSHUA, US
[72] YANG, MING, US
[72] CLELAND, JEFFREY L., US
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[54] **PROCEDES ET SYSTEMES UTILISANT UN AGENCEMENT DE CAPTEURS DE GRADIENT POUR TELEMETRIE**
[72] DONDERICI, BURKAY, US
[72] AHMADI KALATEH AHMAD, AKRAM, US
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[72] TAMBE, ASHUTOSH, US
[72] BURNS, NATHAN LEE, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **REVETEMENT DE TUBAGE SOLUBLE**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **IMPROVED METHOD FOR TREATING A LIQUID WASTE FRACTION FROM ANIMAL WASTE**
[54] **PROCEDE AMELIORE DE TRAITEMENT D'UNE FRACTION DE DECHETS LIQUIDES DERIVEE DE DECHETS ANIMAUX**
[72] WEGERIF, DANIEL, US
[72] DECKER, EDWARD, US
[72] S'HYE, JASON, US
[72] THOMSEN, JES, DK
[71] WASTE2GREEN, LLC, US
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[72] MINEV, BORIS, US
[71] STEMIMMUNE, INCORPORATED, US
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[54] **ADAPTATEUR D'OUTIL ELECTRIQUE**
[72] DILL, MICHAEL C., US
[72] TRUONG, VICTOR, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **FILTRE A CADRES DE BUS DE DIFFUSION**
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[72] MILLER, SCOTT D., US
[71] MERCURY SYSTEMS, INC., US
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[54] **INTERCONNEXIONS D'ALIMENTATION DANS UN PANNEAU D'ACCES MODULAIRE**
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[72] SAMMONS, MICHAEL ALLEN, US
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[54] **SYSTEME DE RETENUE DE CARTOUCHE**
[72] BARTELS, HEINRICH, US
[72] PATTERSON, STEPHEN, GB
[72] NOKES, JESSE, US
[71] FORUM US, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING FLUID PROPERTIES RELATING TO MEDICAL DEVICE'S CLEANLINESS**
[54] **PROCEDE ET APPAREIL DE SURVEILLANCE DES PROPRIETES D'UN LIQUIDE RELATIVES A LA PROPRETE D'UN DISPOSITIF MEDICAL**
[72] OLSON, JONATHAN K., US
[72] MATTA, JOHN, US
[72] PETERSEN, MICHAEL, US
[72] BROMILEY, NICK G., US
[71] MEDIVATORS INC., US
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[54] **PROCEDES ET SYSTEMES POUR IMAGERIE PAR MICRO-ONDES EN CHAMP PROCHE**
[72] MOULDER, WILLIAM F., US
[72] KRIEGER, JAMES D., US
[72] MAURAIS-GALEJS, DENISE T., US
[72] NGUYEN, HUY T., US
[72] HERD, JEFFREY S., US
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[54] **METHOD FOR PLACEMENT OF SURFACE ELECTRODES FOR ELECTROMAGNETIC TELEMETRY**
[54] **PROCEDE DE POSE D'ELECTRODES DE SURFACE POUR TELEMETRIE ELECTROMAGNETIQUE**
[72] JANNIN, GAELLE, US
[72] CHEN, JIUPING, US
[72] BROOKS, ANDREW G., US
[72] CONN, DAVID KIRK, US
[72] DEPAVIA, LUIS EDUARDO, US
[72] SUN, LIANG, CN
[72] SCHWARTZ, MICHAEL W., US
[72] HUNTER, RICHARD, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **COMPOSITION DE NETTOYAGE COMESTIBLE NATURELLE**
[72] GORE, JESSICA ADELLE, US
[72] FRAZIER, CORBY LUCIOUS, US
[71] GORE, JESSICA ADELLE, US
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[54] **LIANTS CTLA4**
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[72] BEAUMONT, MARIBEL, US
[72] BUYSE, MARIE-ANGE, BE
[72] BOUTTON, CARLO, BE
[72] DOMBRECHT, BRUNO, BE
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[72] KASTELEIN, ROBERT A., US
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[54] **COMPOSITION ET PROCEDE DE REDUCTION DE LA PENALITE DE RENDEMENT ASSOCIEE A LA CULTURE REPETEE DU MAIS**
[72] FABBRI, BRADON JAMES, US
[72] FERREIRA, KEN, US
[72] KEROVUO, JANNE, US
[72] MCCOWN, MATTHEW, US
[72] MOHANTY, RADHA G., US
[72] SCHAECHER, SCOTT R., US
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[54] **COMPOSITION AND METHODS FOR REDUCING CORN-ON-CORN YIELD PENALTY**
[54] **COMPOSITION ET PROCEDES DE REDUCTION DE LA PENALITE DU RENDEMENT MAIS SUR MAIS**
[72] FABBRI, BRADON JAMES, US
[72] FERREIRA, KEN, US
[72] KEROVUO, JANNE, US
[72] MCCOWN, MATTHEW, US
[72] MOHANTY, RADHA G., US
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[54] **CARTRIDGE SERVICING CASES FOR FLUID JET CARTRIDGES**
[54] **BOITIERS D'ENTRETIEN DE CARTOUCHE POUR CARTOUCHES A JET DE FLUIDE**
[72] RABE, THOMAS ELLIOT, US
[72] VERNON, PAUL JOHN EDWARD, US
[72] STRIEMER, GRANT EDWARD ANDERS, US
[72] LINGOES, JANETTE VILLALOBOS, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEME DE CASSETTE DE FIBRE OPTIQUE A ASSEMBLAGE MULTIPLE**
[72] SAUTER, TOM, US
[72] BERNSTEIN, GARY, US
[71] LEVITON MANUFACTURING CO., INC., US
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[51] **Int.Cl. B65D 75/58 (2006.01)**
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[54] **FOOD PACKAGE HAVING A RECLOSABLE OPENING FEATURE AND METHOD OF OPENING, REMOVING A FOOD PRODUCT AND RECLOSING A RECLOSABLE FOOD PACKAGE**
[54] **EMBALLAGE ALIMENTAIRE AYANT UN ELEMENT D'OUVERTURE REFERMABLE ET PROCEDE D'OUVERTURE, DE RETRAIT D'UN PRODUIT ALIMENTAIRE ET DE REFERMETURE D'UN EMBALLAGE ALIMENTAIRE REFERMABLE**
[72] VETERNIK, PAUL, DE
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2018-05-09
[86] 2016-12-06 (PCT/US2016/065123)
[87] (WO2017/100179)
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[25] EN
[54] **PRODUCT DELIVERY METHODS AND SYSTEMS UTILIZING PORTABLE UNMANNED DELIVERY AIRCRAFT**
[54] **PROCEDES ET SYSTEMES DE DISTRIBUTION DE PRODUITS UTILISANT UN AERONEF DE DISTRIBUTION SANS PILOTE PORTATIF**
[72] NATARAJAN, CHANDRASHEKAR, US
[72] HIGH, DONALD R., US
[71] WALMART APOLLO, LLC, US
[85] 2018-05-09
[86] 2016-11-08 (PCT/US2016/060954)
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[51] **Int.Cl. C07C 45/50 (2006.01)**
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[54] **PROCESS FOR PRODUCING ALDEHYDES**
[54] **PROCEDE DE PRODUCTION D'ALDEHYDES**
[72] SMITH, GERALD L., US
[72] SIMPSON, KATHLEEN, US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2018-05-08
[86] 2016-10-27 (PCT/US2016/058984)
[87] (WO2017/083106)
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[25] EN
[54] **B-1A LYMPHOCYTE AND/OR MACROPHAGE TARGETING AND ACTIVATION TO TREAT MEDICAL CONDITIONS WITH INFLAMMATORY OR AUTOIMMUNE COMPONENTS**
[54] **CIBLAGE ET ACTIVATION DES LYMPHOCYTES B-1A ET/OU DES MACROPHAGES POUR TRAITER DES AFFECTIONS MEDICALES PRESENTANT DES COMPOSANTES INFLAMMATOIRES OU AUTO-IMMUNES**
[72] STEINMAN, LAWRENCE, US
[72] KURNELLAS, MICHAEL, US
[72] ROTHBARD, JONATHAN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-05-09
[86] 2016-11-18 (PCT/US2016/062878)
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[54] **ORTHODONTIC CEMENT COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE CIMENT ORTHODONTIQUE ET LEURS PROCEDES D'UTILISATION**
[72] LU, HUI, US
[72] JIN, XIAOMING, US
[71] DENTSPLY SIRONA INC., US
[85] 2018-05-09
[86] 2016-11-21 (PCT/US2016/062995)
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[51] **Int.Cl. B65D 21/02 (2006.01) B65D 21/06 (2006.01)**
[25] EN
[54] **UNIVERSAL PLATFORM FOR STACKING AN OBJECT ON TOP OF A BULK BIN**
[54] **PLATEFORME UNIVERSELLE POUR EMPILER UN OBJET SUR UN BAC DE VRAC**
[72] FRAZIER, CLAYTON ANTHONY, US
[71] STAY-RITE SOLUTIONS LLC, US
[85] 2018-05-09
[86] 2016-11-08 (PCT/US2016/060994)
[87] (WO2017/083305)
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[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING AND WAGERING TECHNIQUES RELATING TO SKILL-BASED GAMING**
[54] **TECHNIQUES DE JEU ET DE PARI RELATIVES A UN JEU BASE SUR LES COMPETENCES**
[72] WASHINGTON, GEORG, US
[72] SERRA, JOE, US
[72] OBERBERGER, MICHAEL, US
[71] SYNERGY BLUE, LLC, US
[85] 2018-05-09
[86] 2017-01-05 (PCT/US2016/063210)
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[25] EN
[54] **VEHICULAR AIR CONDITIONING SYSTEMS**
[54] **SYSTEMES DE CLIMATISATION POUR VEHICULES**
[72] CLARK, RODNEY, AU
[72] PITCHER, JOSHUA, AU
[72] FRY, ANTHONY, AU
[71] SIGMA AIR CONDITIONING PTY LTD, AU
[85] 2018-05-10
[86] 2016-08-08 (PCT/AU2016/050717)
[87] (WO2017/083905)
[30] AU (2015904767) 2015-11-19

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[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **PLANT REGULATORY ELEMENTS AND METHODS OF USE THEREOF**
[54] **ELEMENTS REGULATEURS DE PLANTES ET PROCEDES D'UTILISATION ASSOCIES**
[72] CROW, ANDREW CARL, US
[72] DIEHN, SCOTT HENRY, US
[72] LU, ALBERT LAURENCE, US
[72] SIMMONS, CARL ROBERT, US
[72] SIMS, LYNNE EILEEN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-05-09
[86] 2016-11-22 (PCT/US2016/063329)
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[30] US (62/260,819) 2015-11-30

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[51] **Int.Cl. A01H 1/04 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **GENETIC LOCI ASSOCIATED WITH BROWN STEM ROT RESISTANCE IN SOYBEAN AND METHODS OF USE**
[54] **LOCUS GENETIQUES ASSOCIES A UNE RESISTANCE A LA POURRITURE BRUNE DE LA TIGE DU SOJA ET PROCEDES D'UTILISATION**
[72] KYLE, DONALD EARL, US
[72] SHENDELMAN, JOSHUA MICHAEL, US
[72] WOODWARD, JOHN BRYAN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-05-09
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[25] EN
[54] **SAFETY SYSTEM AND METHOD FOR PROTECTING AGAINST A HAZARD OF DRILL ROD FAILURE IN A DRILLED ROCK BORE**
[54] **SYSTEME DE SECURITE ET PROCEDE POUR PROTEGER CONTRE UN RISQUE DE PANNE DE TIGE DE FORAGE DANS UNE CAROTTE FOREE**
[72] NOONAN, GERRY, AU
[71] JUSAND NOMINEES PTY LTD AS TRUSTEE FOR AN & JM NOONAN FAMILY TRUST, AU
[85] 2018-05-10
[86] 2016-11-11 (PCT/AU2016/051090)
[87] (WO2017/079808)
[30] AU (2015255248) 2015-11-12

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[51] **Int.Cl. B60P 7/08 (2006.01) B25J 1/04 (2006.01)**
[25] EN
[54] **STRAP LOCATING ARRANGEMENT**
[54] **AGENCEMENT DE LOCALISATION DE SANGLES**
[72] ABOOD, RALPH JUSTIN, AU
[71] ABOOD, RALPH JUSTIN, AU
[85] 2018-05-10
[86] 2016-10-28 (PCT/AU2016/051029)
[87] (WO2017/083908)
[30] AU (2015258181) 2015-11-17

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[51] **Int.Cl. H01B 7/295 (2006.01) H01B 1/02 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **CONDUCTIVE COMPOSITIONS FOR JACKET LAYERS AND CABLES THEREOF**
[54] **COMPOSITIONS CONDUCTRICES POUR COUCHES DE GAINE, ET CABLES CORRESPONDANTS**
[72] LIU, JIANMIN, US
[72] CULLIGAN, SEAN WILLIAM, US
[72] RANGANATHAN, SATHISH KUMAR, US
[72] SAWANT, VITTHAL ABASO, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
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[86] 2016-12-09 (PCT/US2016/065885)
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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **NOVEL ANTI-ANGIOGENIC FUSION POLYPEPTIDES**
[54] **NOUVEAUX POLYPEPTIDES DE FUSION ANTI-ANGIOGENIQUES**
[72] OLWILL, SHANE, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
[72] WIEDENMANN, ALEXANDER, DE
[71] PIERIS AUSTRALIA PTY LTD., AU
[85] 2018-05-10
[86] 2016-11-30 (PCT/AU2016/051168)
[87] (WO2017/091850)
[30] EP (15197019.1) 2015-11-30

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[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **IN SITU-GENERATED MICROFLUIDIC ISOLATION STRUCTURES, KITS AND METHODS OF USE THEREOF**
[54] **STRUCTURES D'ISOLATION MICROFLUIDIQUES PRODUITES IN SITU, KITS ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] BEAUMONT, KRISTIN G., US
[72] DING, NAN-LINDA, CA
[72] KURZ, VOLKER L.S., US
[72] LIONBERGER, TROY A., US
[72] LOWE, RANDALL D., JR., US
[72] MALLEO, DANIELE, US
[72] MCFARLAND, ANDREW W., US
[72] NEVILL, J. TANNER, US
[72] WANG, XIAOHUA, US
[71] BERKELEY LIGHTS, INC., US
[85] 2018-05-09
[86] 2016-11-22 (PCT/US2016/063387)
[87] (WO2017/091601)
[30] US (62/258,957) 2015-11-23
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[13] A1
[51] **Int.Cl. H01J 37/34 (2006.01) C23C 14/34 (2006.01)**
[25] EN
[54] **SPUTTERING ARRANGEMENT AND SPUTTERING METHOD FOR OPTIMIZED DISTRIBUTION OF THE ENERGY FLOW**
[54] **SYSTEME DE PULVERISATION CATHODIQUE ET PROCEDE PERMETTANT UNE REPARTITION OPTIMISEE DU FLUX ENERGETIQUE**
[72] KRASSNITZER, SIEGFRIED, AT
[72] LENDI, DANIEL, CH
[72] KURAPOV, DENIS, CH
[71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2018-05-10
[86] 2016-11-14 (PCT/EP2016/001891)
[87] (WO2017/080672)
[30] US (62/254,451) 2015-11-12

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[51] **Int.Cl. C08G 81/00 (2006.01) C07K 1/113 (2006.01) C07K 14/16 (2006.01) C08B 37/08 (2006.01) C08G 65/332 (2006.01)**
[25] EN
[54] **METHODS FOR SYNTHESIZING PEPTIDE-TAGGED PEGYLATED CHITOSAN**
[54] **PROCEDES DE SYNTHESE DE CHITOSANE PEGYLE A ETIQUETTE PEPTIDIQUE**
[72] MALHOTRA, MEENAKSHI, CA
[72] PRAKASH, SATYA, CA
[71] NANORA PHARMA INC., CA
[85] 2018-05-10
[86] 2016-11-08 (PCT/CA2016/051299)
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[30] US (62/254,059) 2015-11-11

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[51] **Int.Cl. B01D 46/00 (2006.01) B01D 46/42 (2006.01)**
[25] EN
[54] **FILTER SEALING ASSEMBLY AND FILTRATION VESSEL**
[54] **ENSEMBLE D'ETANCHEITE DE FILTRE ET RECIPIENT DE FILTRATION**
[72] DYE, ANDREW, US
[72] BURNS, JACK DAVID, US
[72] BROWN, EDDIE BLAKE, US
[72] TURAN, BULENT, US
[71] PECOFACET (US), INC., US
[85] 2018-05-09
[86] 2016-11-23 (PCT/US2016/063478)
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[30] US (14/951,869) 2015-11-25

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[51] **Int.Cl. G01R 31/327 (2006.01)**
[25] EN
[54] **BATTERY OPERATED RELAY TEST DEVICE 2**
[54] **APPAREIL D'ESSAI DE RELAIS ALIMENTE PAR BATTERIE**
[72] STENNER, MARCUS, DE
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2018-05-10
[86] 2016-10-21 (PCT/EP2016/075343)
[87] (WO2017/080786)
[30] AT (A 50957/2015) 2015-11-10

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/118 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATED TO ACCELERATED HUMORAL AFFINITY**
[54] **METHODES ET COMPOSITIONS ASSOCIEES A UNE AFFINITE HUMORALE ACCELEREE**
[72] CHERPES, THOMAS, US
[72] QUISPE CALLA, NIRK E., US
[72] VICETTI, RODOLFO MIGUEL, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2018-05-09
[86] 2016-11-09 (PCT/US2016/061062)
[87] (WO2017/083337)
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[13] A1
[51] **Int.Cl. B01D 53/52 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION OF SEQUESTRANT FOR APPLICATION TO THE ELIMINATION AND/OR REDUCTION OF HYDROGEN SULFIDE AND/OR MERCAPTANS IN FLUID**
[54] **COMPOSITION DE SEQUESTRANT DESTINE A L'ELIMINATION OU LA REDUCTION DE SULFURE D'HYDROGENE OU DE MERCAPTANS DANS UN FLUIDE**
[72] HERNANDEZ, CAMILO HENRIQUE LA ROTTA, BR
[72] DE FREITAS, LUIS HENRIQUE, BR
[72] DA FONSECA, GUILHERME BAZZEGGIO, BR
[71] OXITENO S.A. INDUSTRIA E COMERCIO, BR
[85] 2018-05-10
[86] 2016-11-10 (PCT/BR2016/050292)
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[51] **Int.Cl. G01N 33/24 (2006.01) G01V 99/00 (2009.01) G01V 9/00 (2006.01)**
[25] EN
[54] **METHODS FOR THE DETERMINATION OF BIOGENIC GAS**
[54] **PROCEDES DE DETERMINATION DE GAZ BIOGENIQUE**
[72] FORMOLO, MICHAEL J., US
[72] BELIEN, ISOLDE, US
[72] REGBERG, AARON B., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-09
[86] 2016-12-02 (PCT/US2016/064672)
[87] (WO2017/105875)
[30] US (62/267,592) 2015-12-15

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[13] A1
[51] **Int.Cl. A61J 1/14 (2006.01)**
[25] EN
[54] **MEDICATION MIXER, DUAL HARD PORTS, AND SOFT INTRAVENOUS BAG**
[54] **MELANGEUR DE MEDICAMENT, ORIFICES DURS DOUBLES ET POCHE DE PERFUSION SOUPLE**
[72] ZHANG, YUN, CN
[72] LI, KE, CN
[71] CHONGQING LUMMY PHARMACEUTICAL CO., LTD, CN
[85] 2018-05-10
[86] 2016-11-13 (PCT/CN2016/105564)
[87] (WO2017/080522)
[30] CN (201510781507.X) 2015-11-13
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[51] **Int.Cl. G01R 31/327 (2006.01)**
[25] EN
[54] **ACCUMULATOR OPERATED RELAY TEST DEVICE 1**
[54] **APPAREIL D'ESSAI A RELAIS ALIMENTE PAR ACCUMULATEUR**
[72] KLAPPER, ULRICH, AT
[71] OMICRON ELECTRONICS GMBH, AT
[85] 2018-05-10
[86] 2016-10-21 (PCT/EP2016/075347)
[87] (WO2017/080789)
[30] AT (A50956/2015) 2015-11-10

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[51] **Int.Cl. F25B 1/08 (2006.01) F25B 43/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTI-STAGE REFRIGERATION**
[54] **SYSTEMES ET PROCEDES POUR REFRIGERATION A ETAGES MULTIPLES**
[72] LADD, DAVID, US
[71] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
[85] 2018-05-09
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[30] US (62/252,855) 2015-11-09

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[13] A1
[51] **Int.Cl. F23N 1/02 (2006.01) F23N 5/12 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR FLAME SIGNAL DETECTION**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE SIGNAL DE FLAMME**
[72] RIES, MARTIN, DE
[72] CLEMENS, ARNO, DE
[72] PFULLER, RICHARD, DE
[72] HACK, SEBASTIAN, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
[85] 2018-05-10
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[51] **Int.Cl. C07K 14/165 (2006.01) A61K 39/215 (2006.01) A61K 39/42 (2006.01) A61P 31/14 (2006.01) C07K 16/10 (2006.01) C12N 7/00 (2006.01) G01N 33/564 (2006.01) G01N 33/569 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING, PREVENTING AND DIAGNOSING PORCINE EPIDEMIC DIARRHEA VIRUS INFECTION**
[54] **METHODES POUR TRAITER, PREVENIR ET DIAGNOSTIQUER UNE INFECTION PAR LE VIRUS DE LA DIARRHEE EPIDEMIQUE PORCINE**
[72] GERDTS, VOLKER, CA
[72] ALLAN, BRENDA, CA
[72] VAN DEN HURK, JAN, CA
[72] ZHOU, YAN, CA
[72] ZAKHARTCHOUK, ALEXANDER, CA
[72] TIKOO, SURESH, CA
[72] POTTER, ANDREW, CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2018-05-10
[86] 2016-11-24 (PCT/CA2016/051381)
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[30] US (62/260,128) 2015-11-25
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[25] FR
[54] **LOADING A CATALYST INTO A BUBBLE COLUMN FOR FISCHER-TROPSCH SYNTHESIS**
[54] **CHARGEMENT D'UN CATALYSEUR DANS UNE COLONNE A BULLES POUR LA SYNTHESE FISCHER-TROPSCH**
[72] DESGRANGES, REGIS, FR
[72] HERAUD, JEAN-PHILIPPE, FR
[72] VIGUIE, JEAN-CHRISTOPHE, FR
[72] BOUCHER, SEBASTIEN, FR
[72] DELLA TORRE, CHIARA, IT
[72] MIGNONE, ELSA, IT
[71] IFP ENERGIES NOUVELLES, FR
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[87] (WO2017/097525)
[30] FR (1562031) 2015-12-08

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[51] **Int.Cl. A61K 38/00 (2006.01) C07K 7/00 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR TREATING PAIN**
[54] **COMPOSES ET METHODES POUR LE TRAITEMENT DE LA DOULEUR**
[72] KOPIN, ALAN S., US
[72] KUMAR, KRISHNA, US
[72] DOYLE, JAMIE R., US
[71] TRUSTEES OF TUFTS COLLEGE, US
[71] TUFTS MEDICAL CENTER, US
[85] 2018-05-09
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[30] US (62/253,094) 2015-11-09

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[51] **Int.Cl. C09D 7/00 (2018.01) C09D 5/14 (2006.01)**
[25] EN
[54] **MONOMERS, POLYMERS AND COATING FORMULATIONS THAT COMPRISE AT LEAST ONE N-HALAMINE PRECURSOR, A CATIONIC CENTER AND A COATING INCORPORATION GROUP**
[54] **MONOMERES, POLYMERES ET FORMULATIONS DE REVETEMENT QUI COMPRENNENT AU MOINS UN PRECURSEUR DE N-HALAMINE, UN CENTRE CATIONIQUE ET UN GROUPE D'INCORPORATION DE REVETEMENT**
[72] LIU, SONG, CA
[72] KAUR, RAJBIR, CA
[72] WOLFF, ZACHARY J., CA
[72] BINDRA, GURMEET SINGH, CA
[71] EXIGENCE TECHNOLOGIES INC., CA
[85] 2018-05-10
[86] 2016-11-10 (PCT/CA2016/051311)
[87] (WO2017/079841)
[30] US (62/255,076) 2015-11-13
[30] US (62/287,729) 2016-01-27
[30] US (62/362,460) 2016-07-14
[30] US (62/393,757) 2016-09-13
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[51] **Int.Cl. A63C 17/08 (2006.01) A63C 17/12 (2006.01)**
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[54] **SELF-BALANCING BOARD WITH PRIMARY WHEEL AND DISTAL AUXILIARY WHEEL**
[54] **PLANCHE A EQUILIBRAGE AUTOMATIQUE AVEC ROUE PRINCIPALE ET ROUE AUXILIAIRE DISTALE**
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[71] KOOFY INNOVATION LIMITED, CN
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[54] **ELECTRIC TERMINAL**
[54] **CONNEXION ELECTRIQUE**
[72] GESKE, RALF, DE
[72] HOLSTE, DIETER, DE
[72] GEHLE, RALF, DE
[71] PHOENIX CONTACT GMBH & CO. KG, DE
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[54] **STRUCTURALLY ENHANCED AGRICULTURAL MATERIAL SHEETS AND THE METHOD OF PRODUCING THE SAME**
[54] **FEUILLES DE MATERIAU AGRICOLE A STRUCTURE AMELIOREE ET LEUR PROCEDE DE PRODUCTION**
[72] BEN, YUXIA, CA
[72] HUA, XUJUN, CA
[72] RICARD, MICHELLE, CA
[72] WANG, XIAOYU, CA
[71] FPINNOVATIONS, CA
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[54] **COMPOSITES DE CARBONE**
[72] MORALES PALOMINO, JULIAN, ES
[72] CABALLERO AMORES, ALVARO, ES
[71] GRABAT ENERGY S.L., ES
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[54] **ECHINOMYCIN FORMULATION, METHOD OF MAKING AND METHOD OF USE THEREOF**
[54] **FORMULATION D'ECHINOMYCINE, PROCEDE DE FABRICATION ET METHODE D'UTILISATION DE CETTE DERNIERE**
[72] LIU, YANG, US
[72] WANG, YIN, US
[72] LIU, YAN, US
[72] BAILEY, CHRISTOPHER, US
[72] ZHENG, PAN, US
[71] CHILDREN'S RESEARCH INSTITUTE, CHILDREN'S NATIONAL MEDICAL CENTER, US
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[54] **METHOD FOR CONTROLLING A HEATING UNIT AS WELL AS A HEATING UNIT AND A COMPUTER PROGRAM PRODUCT FOR CARRYING OUT THE CONTROL METHOD**
[54] **METHODE DE CONTROLE D'UN MODULE DE CHAUFFAGE, ET UN MODULE DE CHAUFFAGE ET UN PRODUIT DE PROGRAMME INFORMATIQUE SERVANT A REALISER LA METHODE DECONTROLE**
[72] HACK, SEBASTIAN, DE
[72] CLEMENS, ARNO, DE
[72] RIES, MARTIN, DE
[71] VIESSMANN WERKE GMBH & CO. KG, DE
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[54] **ELEMENT POUR UNE PREFORME, PROCEDE DE PRODUCTION DE FIBRE ET FIBRE OPTIQUE ETIREE A PARTIR DE LA PREFORME**
[72] SIMONSEN, HARALD ROAGER, DK
[72] JAKOBSEN, CHRISTIAN, DK
[71] NKT PHOTONICS A/S, DK
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[54] **CONTACT A INSERER ET FABRICATION D'UN CONTACT A INSERER**
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[71] PHOENIX CONTACT GMBH & CO. KG, DE
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[54] **METHODS AND SYSTEMS FOR TRANSPORTATION USING UNMANNED AERIAL VEHICLES**
[54] **PROCEDES ET SYSTEMES DE TRANSPORT UTILISANT DES VEHICULES AERIENS SANS PILOTE**
[72] RAPTOPOULOS, ANDREAS, US
[72] BARUCHIN, IDO, US
[72] HINKLE, CHRISTOPHER WINSON, US
[72] MA, DEREK X., US
[72] O'SULLIVAN, JAMES STANDISH, US
[71] MATTERNET, INC., US
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[54] **MELANGE DE TABAC**
[72] SUTTON, JOSEPH, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **REGULATION DES NIVEAUX D'OXYDOREDUCTION CELLULAIRE**
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[54] **CONTACT A ENFICHER**
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[54] **LITHIUM-ION BATTERY CELL AND LITHIUM-ION BATTERY**
[54] **ELEMENT DE BATTERIE AU LITHIUM-ION ET BATTERIE AU LITHIUM-ION**
[72] ZHONG, KUAN, CN
[72] WANG, WENHUA, CN
[72] LIU, HONGMING, CN
[72] JIANG, SHIYONG, CN
[72] LI, YING, CN
[72] LI, QIANQIAN, CN
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[72] FRID, NOUREDDINE, BE
[71] CARDIATIS S.A., BE
[71] FRID, NOUREDDINE, BE
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[54] **DETENDEUR BIOCOMPATIBLE IMPLANTABLE APPROPRIE POUR LE TRAITEMENT DE CONSTRICTIONS DE LUMIERE CORPORELLE**
[72] HARKIN, CONOR, IE
[72] RYAN, GARRETT, IE
[72] MURPHY, BRUCE, IE
[72] REDMOND, JAMES, IE
[71] THE PROVOST, FELLOWS, FDN SCHOLARS, & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIV. TRINITY OF QUEEN ELIZABETH, GB
[85] 2018-05-10
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[54] **SINGLE-NEEDLE MEDICATION MIXER, DUAL HARD PORTS, AND SOFT INTRAVENOUS BAG**
[54] **MELANGEUR DE MEDICAMENT A AIGUILLE UNIQUE, ORIFICES DURS DOUBLES ET POCHE DE PERFUSION SOUPLE**
[72] QIU, YU, CN
[72] LI, KE, CN
[72] ZHANG, YUN, CN
[71] CHONGQING LUMMY PHARMACEUTICAL CO., LTD., CN
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[54] **DIGITAL AUDIO PROCESSING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE DONNEES AUDIO NUMERIQUES**
[72] BENDER, LEE F., US
[71] BENDER, LEE F., US
[85] 2018-05-09
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[54] **METHOD FOR DETERMINING THRESHOLDS OF A STATE MONITORING UNIT FOR A FIRE DETECTION AND/OR EXTINGUISHING CONTROL CENTER, STATE MONITORING UNIT, AND SYSTEM COMPRISING SAME**
[54] **PROCEDE POUR DETERMINER DES VALEURS SEUIL D'UNE UNITE DE CONTROLE D'ETAT POUR UNE CENTRALE D'ALARME INCENDIE ET/OU DE COMMANDE D'EXTINCTION ET UNITE DE CONTROLE D'ETAT ET SYSTEMECORRESPONDANT**
[72] STEFFEN, HARTWIG, DE
[71] MINIMAX GMBH & CO. KG, DE
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[54] **MACHINE DE PREPARATION DE BOISSONS**
[72] STASCH, RAFAEL, DE
[71] QBO COFFEE GMBH, CH
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AMELIORER L'EFFICACITE DE VECTEURS VIRAUX**
[72] MAJDOUL, SALIHA, FR
[72] FENARD, DAVID, FR
[71] UNIVERSITE D'EVRY VAL D'ESSONNE, FR
[71] GENETHON, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
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[72] CORNEN, STEPHANIE, FR
[72] GAUTHIER, LAURENT, FR
[72] ROSSI, BENJAMIN, FR
[72] WAGTMANN, NICOLAI, FR
[71] INNATE PHARMA, FR
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[54] **COCOA POLYPHENOLS AND SOLUBLE DIETARY FIBER FOR USE IN THE TREATMENT OR PREVENTION DISORDERS ASSOCIATED WITH AN ABOVE-NORMAL NUMBER OF GRANULOCYTES IN A TISSUE**
[54] **POLYPHENOLS DE CACAO ET FIBRE ALIMENTAIRE SOLUBLE A UTILISER DANS LE TRAITEMENT OU LA PREVENTION DE TROUBLES ASSOCIES A UN NOMBRE DE GRANULOCYTES AU-DESSUS DE LA NORMALE DANS UN TISSU**
[72] BLANCHARD, CARINE, CH
[72] HOLVOET, SEBASTIEN, CH
[72] RAN-RESSLER, RINAT, US
[72] KUSLYS, MARTINAS, CH
[71] NESTEC S.A., CH
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[54] **METHOD OF PRODUCING PROTEINS IN FILAMENTOUS FUNGI WITH DECREASED CLR1 ACTIVITY**
[54] **PROCEDE DE PRODUCTION DE PROTEINES CHEZ DES CHAMPIGNONS FILAMENTEUX AYANT UNE ACTIVITE CLR1 REDUITE**
[72] HAEFNER, STEFAN, DE
[72] THYWISSEN, ANDREAS, DE
[72] HARTMANN, HOLGER, DE
[72] BOEHMER, NICO, DE
[71] BASF SE, DE
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[54] **USE OF 1,3 DIGLYCERIDE IN A TOPICAL COMPOSITION FOR COUNTERING THE WEAKENING OF THE SKIN BARRIER**
[54] **UTILISATION DE 1,3-DIGLYCERIDE DANS UNE COMPOSITION TOPIQUE POUR CONTRER L'AFFAIBLISSEMENT DE LA BARRIERE CUTANEE**
[72] REDOULES, DANIEL, FR
[72] JOSSE, GWENDAL, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
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[54] **CONTACT LAYER WITH A SOLID FILLER COMPONENT**
[54] **COUCHE DE CONTACT COMPORTANT UN CONSTITUANT DE CHARGE SOLIDE**
[72] ACKERMANN, HERBERT, CH
[72] HOEFFLIN, FRANK, CH
[72] ROHRER, ROMAN, CH
[72] GUTJAHR, LISA, DE
[72] Z'ROTZ, ROY, CH
[72] SCHOENBRODT, SIMON, CH
[71] SIKA TECHNOLOGY AG, CH
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[54] **WATERPROOFING MEMBRANE WITH A SOLID FILLER COMPONENT**
[54] **MEMBRANE D'IMPERMEABILISATION AVEC COMPOSANT DE CHARGE SOLIDE**
[72] ACKERMANN, HERBERT, CH
[72] HOEFFLIN, FRANK, CH
[72] ROHRER, ROMAN, CH
[72] GUTJAHR, LISA, DE
[72] Z'ROTZ, ROY, CH
[72] SCHOENBRODT, SIMON, CH
[71] SIKA TECHNOLOGY AG, CH
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[54] **COMPOSITIONS DE TRIGLYCERIDES A CHAINE MOYENNE**
[72] CUENOUD, BERNARD, CH
[72] MASOODI, MOJGAN, CH
[71] NESTEC S.A., CH
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[86] 2016-12-02 (PCT/EP2016/079521)
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[54] **APPARATUS FOR CONDUCTING AN ASSAY**
[54] **APPAREIL DE REALISATION D'ESSAI**
[72] WILLIAMS, DAVID, GB
[72] ROSE, HOWARD, GB
[72] WONG, KEN, GB
[71] MAST GROUP LIMITED, GB
[85] 2018-05-10
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[54] **PROCEDE DE PRODUCTION DE PROTEINES CHEZ DES CHAMPIGNONS FILAMENTEUX AYANT UNE ACTIVITE CLR2 REDUITE**
[72] HAEFNER, STEFAN, DE
[72] THYWISSEN, ANDREAS, DE
[72] HARTMANN, HOLGER, DE
[72] BOEHMER, NICO, DE
[71] BASF SE, DE
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[54] **METHODS, DEVICES, SYSTEMS AND KITS FOR PREPARING COMPOSITIONS FOR CARE AND REPAIR OF VARICOSE VEINS**
[54] **PROCEDES, DISPOSITIFS, SYSTEMES ET KITS POUR LA PREPARATION DE COMPOSITIONS POUR LE SOIN ET LA REPARATION DE VARICES**
[72] ROCHE REBOLLO, ENRIQUE, ES
[72] LLUSA MELENDEZ, GUIU, ES
[71] VASCULAR BARCELONA DEVICES, S.L., ES
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[71] PSP, FR
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[54] **PROCEDE D'AMELIORATION DE LA COGNITION**
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[72] RIEKER, CLAUS, CH
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[54] **RACCORD TUBULAIRE RAPIDE AVEC BAGUE SECABLE POUR CONNEXION FLUIDIQUE SECURISEE**
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[72] RABUT, QUENTIN, FR
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[72] YOUNG, PETER, AU
[72] DARLINGTON, BRADLEY, AU
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **DISPOSITIF DE NUMERISATION ET D'EVALUATION DE MOUVEMENT**
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[72] RABOCZKI, ZOLTAN, HU
[72] ANDOR, LASZLO, HU
[71] AXS MOTIONSYSTEM KFT., HU
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[25] EN
[54] **PROCESS FOR THE CATALYTIC REVERSIBLE ALKENE-NITRILE INTERCONVERSION**
[54] **PROCEDE D'INTERCONVERSION REVERSIBLE CATALYTIQUE ENTRE GROUPEMENTS ALCENE ET NITRILE**
[72] MORANDI, BILL, DE
[72] FANG, XIANJIE, DE
[72] PENG, YU, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
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[25] EN
[54] **PROCESS FOR MANUFACTURING A NON-OPAQUE LAYER FOR A MULTILAYER STRUCTURE COMPRISING A WINDOW, AND A MULTILAYER WITH SUCH A NON-OPAQUE LAYER**
[54] **PROCEDE POUR FABRIQUER UNE COUCHE NON OPAQUE POUR UNE STRUCTURE MULTICOUCHE COMPRENANT UNE FENETRE, ET COUCHE MULTIPLE AVEC UNE TELLE COUCHE NON OPAQUE**
[72] KHAIRALLAH, JESSY, TH
[72] SAEINGTHONG, KREANGSAK, TH
[72] VERMEULIN, ALICE, FR
[72] ROUCH-PAULIN, ANTHONY, FR
[71] HID GLOBAL CID SAS, FR
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[54] **METHOD FOR UNCLOGGING AN EXTRUDER**
[54] **PROCEDE DE DECOLMATAGE POUR EXTRUDEUSE**
[72] JUILLET, HUBERT, FR
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[54] **APPAREIL DE SUPPORT**
[72] BLACK, JOHN ALEXANDER, GB
[72] BLACK, ROBERT DAVID, GB
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[54] **STRAINER POST CONNECTOR**
[54] **CONNECTEUR DE POTEAU A TENDEUR**
[72] DURHAM, CHRISTOPHER JOHN WALTER, GB
[71] HAMPTON STEEL LIMITED, GB
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[54] **DEVICE FOR DETERMINING THE ANGULAR SPEED OF A BICYCLE WHEEL AND THE PEDALING CADENCE APPLIED TO THE PEDALS OF SAID BICYCLE**
[54] **DISPOSITIF POUR DETERMINER LA VITESSE ANGULAIRE D'UNE ROUE DE BICYCLETTE ET LA CADENCE DE PEDALAGE APPLIQUEE AUX PEDALES DE LADITE BICYCLETTE**
[72] CORNO, MATTEO, IT
[72] FORMENTIN, SIMONE, IT
[72] RALLO, GIANMARCO, IT
[72] SAVARESI, SERGIO MATTEO, IT
[72] TODESCHINI, FABIO, IT
[71] BLUBRAKE S.R.L., IT
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[54] **COMPOSITION POUR LE SOIN DE LA PEAU**
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[71] ISN PHARMA SP. Z.O.O., AF
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[54] **LEANING VEHICLE**
[54] **VEHICULE INCLINABLE**
[72] KANEHARA, SHUHEI, JP
[72] FUKUHARA, YUKIHIDE, JP
[72] HARA, NOBUO, JP
[72] TOYOTA, TAKESHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[54] **BLINDAGE REACTIF**
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[71] COHEN, DAVID, IL
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[54] **APPARATUS FOR RAPID HEATING OF LIQUIDS**
[54] **APPAREIL DE CHAUFFAGE RAPIDE DE LIQUIDES**
[72] MARCO, DORON BERNARD, IL
[72] CARASSO, AYELET, IL
[71] GENIE ENTERPRISE LTD., IL
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[54] **LEANING VEHICLE**
[54] **VEHICULE INCLINABLE**
[72] KANEHARA, SHUHEI, JP
[72] HAMADA, TSUNERO, JP
[72] NAKADA, SHIRO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[54] **CIRCUIT DE PROTECTION CONTRE LES SURTENSIONS POUR CONVERTISSEUR DE PUISSANCE**
[72] FROSTEROD, JARLE, NO
[72] PEDERSEN, TOR VANG, NO
[71] COMROD AS, NO
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[54] **PORTABLE SAMPLING DEVICE, STAND AND METHOD FOR COLLECTING PARTICLES FROM EXHALED BREATH**
[54] **DISPOSITIF D'ECHANTILLONNAGE PORTABLE, SUPPORT ET PROCEDE POUR COLLECTER DES PARTICULES A PARTIR D'AIR EXPIRE**
[72] STAMBECK, PETER, SE
[71] MUNKPLAST AB, SE
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[54] **VACCINS CONTRE LE CANCER DE L'OVAIRE**
[72] TUOHY, VINCENT K., US
[72] MAZUMDER, SUPARNA, US
[72] JOHNSON, JUSTIN M., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **SEALANT FORMULATION AND USES THEREOF**
[54] **FORMULATION ADHESIVE ET UTILISATIONS ASSOCIEES**
[72] DEANGLIS, ASHLEY, US
[72] GORMAN, ANNE J., US
[71] ETHICON, INC., US
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[54] **ENSEMBLE RESERVOIR JETABLE ET MOD**
[72] FORNARELLI, THOMAS, US
[71] AVANZATO TECHNOLOGY CORP., US
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[54] **A SYSTEM AND METHOD FOR A MEDIA PLATFORM**
[54] **SYSTEME ET PROCEDE POUR UNE PLATE-FORME DE CONTENU MULTIMEDIA**
[72] WELLISCH, ADAM, AU
[72] WELLISCH, JOSHUA, AU
[72] SULLIVAN, DION, US
[72] HEENAN, JOSHUA, US
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[54] **MODULATEURS DU RECEPTEUR ACTIVE PAR PROTEASE DE TYPE 2**
[72] LOOBY, RICHARD, US
[71] OASIS PHARMACEUTICALS, LLC, US
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[54] **MANCHON D'ECLAIRAGE**
[72] MARK, JOSEPH L., US
[72] DOUGHERTY, BRIAN C., US
[71] NICO CORPORATION, US
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[54] **ALUMINUM WELDING FILLER METAL**
[54] **METAL DE CHARGE DE SOUDAGE D'ALUMINIUM**
[72] BERUBE, PATRICK, US
[72] ANDERSON, BRUCE E., US
[72] ANDERSON, STEPHEN L., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **GESTION DE TEMPERATURE POUR UN OUTIL DE PERCAGE A REFROIDISSEMENT CRYOGENIQUE**
[72] GEORGIOU, GEORGE, CA
[72] AZZOPARDI, DON, US
[71] 5ME IP, LLC, US
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[25] EN
[54] **LEAF SPRING SUSPENSION SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE SUSPENSION A RESSORT A LAMES POUR UN VEHICULE**
[72] BERLINGIERI, ANTHONY, US
[72] DELGADO, JOSE G., MX
[72] DIEGO GUEDEA, RAMON HEBERTO, US
[72] FRIEDRICHS, ROBERT W., US
[72] GALEA, CHRIS, US
[72] MEZA, JESUS ERNESTO, MX
[72] RODRIGUEZ, JOSE ROBERTO FRAUSTO, MX
[72] RUIZ JUAREZ, JOSE G., MX
[72] ZEIMET, JAMES N., US
[71] RASSINI SUSPENSIONES, S.A. DE C.V., MX
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[25] EN
[54] **LEANING VEHICLE**
[54] **VEHICULE A INCLINAISON**
[72] KANEHARA, SHUHEI, JP
[72] HAMADA, TSUNERO, JP
[72] FUKUHARA, YUKIHIDE, JP
[72] TOYOTA, TAKESHI, JP
[72] HARA, NOBUO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[25] EN
[54] **VIDEO DECODING METHOD AND DEVICE, AND ENCODING METHOD AND DEVICE THEREFOR**
[54] **PROCEDE ET DISPOSITIF DE DECODAGE VIDEO, ET PROCEDE ET DISPOSITIF DE CODAGE ASSOCIES**
[72] LEE, JIN-YOUNG, KR
[72] CHOI, KI-HO, KR
[72] KIM, CHAN-YUL, KR
[72] WON, KWANG-HYUN, KR
[72] PIAO, YIN-JI, KR
[72] LEE, SUN-IL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[86] 2016-11-24 (PCT/KR2016/013662)
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[25] EN
[54] **ACOUSTIC PREPREGS, CORES AND COMPOSITE ARTICLES AND METHODS OF USING THEM**
[54] **PREIMPREGNES, AMES ET ARTICLES COMPOSITES INSONORISANTS ET PROCEDES D'UTILISATION DE CES DERNIERS**
[72] WANG, RUOMIAO, US
[71] HANWHA AZDEL, INC., US
[85] 2018-05-10
[86] 2016-05-10 (PCT/US2016/031585)
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[30] US (62/253,843) 2015-11-11

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61B 5/11 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **AMBULATORY THERAPY SYSTEM INCORPORATING ACTIVITY AND ENVIRONMENTAL SENSING CAPABILITY**
[54] **SYSTEME DE THERAPIE AMBULATOIRE INCORPORANT UNE CAPACITE DE DETECTION ENVIRONNEMENTALE ET D'ACTIVITE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] LUCKEMEYER, JAMES A., US
[71] KCI LICENSING, INC., US
[85] 2018-05-10
[86] 2016-11-01 (PCT/US2016/059847)
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[30] US (62/256,391) 2015-11-17

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[25] EN
[54] **ROBOTIC SYSTEM AND METHOD FOR BACKDRIVING THE SAME**
[54] **SYSTEME ROBOTIQUE ET PROCEDE POUR SON ENTRAINEMENT INVERSE**
[72] POST, NICHOLAS JON, US
[71] MAKO SURGICAL CORP., US
[85] 2018-05-10
[86] 2016-11-03 (PCT/US2016/060269)
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[30] US (62/253,994) 2015-11-11
[30] US (62/255,610) 2015-11-16

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[51] **Int.Cl. F41C 33/02 (2006.01) F41G 3/26 (2006.01) G08B 13/196 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INFORMATION CAPTURE**
[54] **SYSTEMES ET PROCEDES POUR LA CAPTURE D'INFORMATIONS**
[72] MACK, DAVID MATTHIAS, US
[72] DOLD, BRIAN DEMPSEY, US
[71] SENWORTH, INC., US
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[54] **POLYPEPTIDES ET PROTEINES ANTI-BCMA**
[72] PASTAN, IRA H., US
[72] BERA, TAPAN, US
[72] NAGATA, SATOSHI, JP
[72] ISE, TOMOKO, JP
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[54] **LASER ASSISTED WOUND HEALING PROTOCOL AND SYSTEM**
[54] **SYSTEME ET PROTOCOLE DE CICATRISATION DE PLAIE ASSISTEE PAR LASER**
[72] KALMETA, MARGARET, US
[71] BIOREGENTECH, US
[71] KALMETA, MARGARET, US
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[54] **COMPOSITION OF OLIVETOL AND METHOD OF USE REDUCE OR INHIBIT THE EFFECTS OF TETRAHYDROCANNABINOL IN THE HUMAN BODY**
[54] **COMPOSITION D'OLIVETOL ET METHODE D'UTILISATION VISANT A REDUIRE OU INHIBER LES EFFETS DU TETRAHYDROCANNABINOL SUR LE CORPS HUMAIN**
[72] CARBERRY, JAMES J., US
[71] UNDOO, LLC, US
[85] 2018-05-10
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[54] **STABLE DRY COMPOSITIONS HAVING NO OR LITTLE SUGARS**
[54] **COMPOSITIONS SECHES STABLES NE PRESENTANT PAS OU PEU DE SUCRES**
[72] KESHTMAND, MAJID, US
[72] HAREL, MORDECHAI, US
[72] RICE, TRISHA, US
[71] ADVANCED BIONUTRITION CORP., US
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[54] **EMBOSSING FOR ELECTRO DISCHARGE TEXTURED SHEET**
[54] **EMBOSSAGE POUR FEUILLE TEXTUREE PAR DECHARGE ELECTRIQUE**
[72] KASUN, THOMAS J., US
[72] WHITTLE, NEVILLE C., US
[72] STEWART, PATRICIA A., US
[72] CLARK, SHAWN J., US
[72] WISE, JULIE A., US
[72] EMINGER, KARL, US
[72] MADDALA, DHARMA, US
[72] SCHELIN, ERIC VICTOR, US
[72] EPP, JUNE M., US
[72] WINCHIP, WADE, US
[72] BATH, IAN, US
[71] ARCONIC INC., US
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[54] **SYSTEMS AND METHODS FOR DETERMINING SAMPLE OSMOLARITY**
[54] **SYSTEMES ET METHODES DE DETERMINATION D'OSMOLARITE D'ECHANTILLON**
[72] GAVARIS, PAUL T., US
[72] GEDDES, CHRIS D., US
[72] GHOVANLOU, ALI H., US
[71] LACRISCIENCE, LLC, US
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[54] **AQUEOUS HUMOR MONITORING DEVICES AND METHODS**
[54] **DISPOSITIFS ET METHODES DE SURVEILLANCE DE L'HUMEUR AQUEUSE**
[72] MARTIN, ROY CHRISTIAN, US
[72] PULLING, CHRISTOPHER CLARK, US
[72] MARTIN, CHRISTOPHER THOMAS, US
[72] BROWN, J. DAVID, US
[71] MICROOPTX INC., US
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[54] **HYBRID VEIL AS INTERLAYER IN COMPOSITE MATERIALS**
[54] **VOILE HYBRIDE EN TANT QUE COUCHE INTERMEDIAIRE DANS DES MATERIAUX COMPOSITES**
[72] RESTUCCIA, CARMELO LUCA, GB
[72] BLACKBURN, ROBERT, GB
[71] CYTEC INDUSTRIES INC., US
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[54] **PACKAGING MATERIAL AND METHOD FOR PRODUCING A PACKAGING MATERIAL**
[54] **MATERIAU D'EMBALLAGE ET PROCEDE DE FABRICATION D'UN MATERIAU D'EMBALLAGE**
[72] KARATZIS, ANTONIOS, GR
[71] KARATZIS S.A. INDUSTRIAL & HOTELIER ENTERPRISES, GR
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[25] EN
[54] **CONTROLLED GLASS TRANSITION POLYMERIC MATERIAL AND METHOD**
[54] **MATERIAU POLYMERE A TRANSITION VITREUSE CONTROLEE ET PROCEDE ASSOCIE**
[72] MAZICH, KENNETH A., US
[72] MEISTERMANN, LAURENT, FR
[72] CHIEMELEWSKI, CRAIG, US
[71] ZEPHYROS, INC., US
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[54] **AN APPARATUS FOR USE IN A MEDICAL PROCEDURE IN THE VASCULATURE COMPRISING A GUIDEWIRE AND A CATHETER AND A METHOD OF USING THE SAME**
[54] **APPAREIL A UTILISER DANS UNE PROCEDURE MEDICALE DANS LA VASCULATURE COMPRENANT UN FIL-GUIDE ET UN CATHETER ET SON PROCEDE D'UTILISATION**
[72] EOIN, RYAN, IE
[72] RONAN, ALLAN, IE
[71] C.R. BARD, INC., US
[71] EOIN, RYAN, IE
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[54] **DOMAINES VARIABLES D'IMMUNOGLOBULINE DE LIAISON AMELIOREE A L'ALBUMINE SERIQUE**
[72] BUYSE, MARIE-ANGE, BE
[71] ABLYNX NV, BE
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[54] **PIECE A MAIN POUR DISPOSITIF IPL COMPORTANT UN BLOC OPTIQUE MIS EN PLACE PAR PIVOTEMENT**
[72] SAFRAOUI, GEORGES, FR
[71] EUROFEEDBACK, FR
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[54] **SYSTEMS AND METHODS FOR PROVIDING A SERVICE STATION ROUTINE**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UN PROGRAMME DE STATION-SERVICE**
[72] RABE, THOMAS ELLIOT, US
[72] VERNON, PAUL JOHN EDWARD, US
[72] STRIEMER, GRANT EDWARD ANDERS, US
[72] LINGOES, JANETTE VILLALOBOS, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SYSTEMS AND METHODS FOR PROVIDING A SERVICE INTERFACE MECHANISM**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UN MECANISME D'INTERFACE D'ENTRETIEN**
[72] RABE, THOMAS ELLIOT, US
[72] VERNON, PAUL JOHN EDWARD, US
[72] STRIEMER, GRANT EDWARD ANDERS, US
[72] LINGOES, JANETTE VILLALOBOS, US
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[54] **RAPID SEQUENCING OF SHORT DNA FRAGMENTS USING NANOPORE TECHNOLOGY**
[54] **SEQUENCAGE RAPIDE DE FRAGMENTS D'ADN COURT A L'AIDE DE LA TECHNOLOGIE DES NANOPORES**
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[71] WILLIAMS, SAMUEL, US
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[54] **AQUEOUS COMPOSITIONS BASED ON POLYALKENAMERS**
[54] **COMPOSITIONS AQUEUSES A BASE DE POLYALCENAMERES**
[72] SMIT, THEO, DE
[72] NEGRETE HERRERA, NORMA LIDIA, DE
[72] DAHMEN, STEFAN, DE
[72] STURM, BERNHARD, DE
[72] MUELLER, KEVIN, DE
[72] HAEBERLE, KARL, DE
[71] BASF SE, DE
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[54] **METHODS AND COMPOSITIONS FOR ASSESSING ANTIBODY SPECIFICITIES**
[54] **PROCEDES ET COMPOSITIONS D'EVALUATION DE SPECIFICITES D'ANTICORPS**
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[72] KAMATH, KATHY, US
[72] REIFERT, JACK, US
[71] SERIMMUNE INC., US
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[54] **SERVICE STATIONS FOR HANDHELD FLUID JET APPARATUSES**
[54] **STATIONS D'ENTRETIEN POUR APPAREILS A JET DE FLUIDE PORTATIFS**
[72] RABE, THOMAS ELLIOT, US
[72] VERNON, PAUL JOHN EDWARD, US
[72] STRIEMER, GRANT EDWARD ANDERS, US
[72] LINGOES, JANETTE VILLALOBOS, US
[72] KOLAKOSKI, REBECCA ASHLEY, US
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[54] **CHARGE-REVERSED N-TERMINAL SPIDER SILK PROTEIN DOMAIN AND USES THEREOF**
[54] **DOMAINE N-TERMINAL A CHARGE INVERSEE DE PROTEINE DE SOIE D'ARAIGNEE ET SON UTILISATION**
[72] JOHANSSON, JAN, SE
[72] RISING, ANNA, SE
[72] KRONQVIST, NINA, SE
[72] NORDLING, KERSTIN, SE
[71] SPIBER TECHNOLOGIES AB, SE
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[54] **ASSAYS AND METHODS FOR SELECTING A TREATMENT REGIMEN FOR A SUBJECT WITH LEUKEMIA**
[54] **DOSAGES ET METHODES POUR LA SELECTION D'UN SCHEMA THERAPEUTIQUE POUR UN SUJET ATTEINT DE LEUCEMIE**
[72] GORDON, MAX, US
[72] TARDI, PAUL, CA
[72] TYNER, JEFFREY, US
[72] MAYER, LAWRENCE, CA
[71] CELATOR PHARMACEUTICALS, INC., US
[71] OREGON HEALTH & SCIENCES UNIVERSITY, US
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[54] **DISPOSITIFS ET TROUSSES MICROFLUIDIQUES ET LEURS PROCEDES D'UTILISATION**
[72] BEAUMONT, KRISTIN G., US
[72] BEEMILLER, PETER J., US
[72] KURZ, VOLKER L. S., US
[72] LAVIEU, GREGORY G., US
[72] WANG, XIAOHUA, US
[72] KARUNAKARAN, AATHAVAN, US
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[54] **ULTRASONIC METHOD AND APPARATUS FOR RESPIRATION MONITORING**
[54] **PROCEDE ULTRASONORE ET APPAREIL DE SURVEILLANCE DE RESPIRATION**
[72] SOUZY, NICOLAS, NO
[72] ERIKSEN, MORTEN, NO
[72] BERARD-ANDERSEN, NICOLAY, NO
[71] RESPINOR AS, NO
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[54] **LIQUID LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT LESSIVIEL LIQUIDE**
[72] FERNANDEZ MARTINEZ, LUCIA, BE
[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] STEELE CATER, JAMES EDWARD, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **IMPROVED P2X7 RECEPTOR BINDERS AND POLYPEPTIDES COMPRISING THE SAME**
[54] **LIANTS AMELIORES AU RECEPTEUR P2X7 ET POLYPEPTIDES LES COMPRENANT**
[72] BUYSE, MARIE-ANGE, BE
[72] STORTELERS, CATELIJNE, BE
[71] ABLYNX NV, BE
[85] 2018-05-11
[86] 2016-11-11 (PCT/EP2016/077452)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING VIRTUAL ACCESS TO A SURGICAL CONSOLE**
[54] **SYSTEMES ET PROCEDES DESTINES A LA FOURNITURE D'UN ACCES VIRTUEL A UNE CONSOLE CHIRURGICALE**
[72] HUNTER, TIMOTHY L., US
[72] HA, CATHERINE P., US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[54] **FLUIDIC SYSTEMS INVOLVING INCUBATION OF SAMPLES AND/OR REAGENTS**
[54] **SYSTEMES FLUIDIQUES IMPLIQUANT L'INCUBATION D'ECHANTILLONS ET/OU DE REACTIFS**
[72] HADDAD, DOUGLAS M., US
[72] FAGAN, GARY J., US
[72] DONG, YI, US
[72] DIRCKX, MATTHEW, US
[72] LINDER, VINCENT, US
[71] OPKO DIAGNOSTICS, LLC, US
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[30] US (62/266,488) 2015-12-11

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[54] **LIANTS AU TNF AMELIORES**
[72] BUYSE, MARIE-ANGE, BE
[72] BOUCNEAU, JOACHIM, BE
[72] CASTEELS, PETER, BE
[72] VAN HEEKE, GINO, BE
[71] ABLYNX NV, BE
[85] 2018-05-11
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[25] EN
[54] **AZITHROMYCIN DERIVATIVES WITH EPITHELIAL BARRIER ENHANCEMENT PROPERTIES**
[54] **DERIVES D'AZITHROMYCINE AYANT DES PROPRIETES D'AMELIORATION DE LA BARRIERE EPITHELIALE**
[72] GARDARSSON, FRIDRIK RUNAR, IS
[72] LEHMANN, FREDRIK, SE
[72] TEODOROVIC, PETER, SE
[71] EPI-ENDO PHARMACEUTICALS EHF., IS
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[25] EN
[54] **2-SUBSTITUTED QUINAZOLINE COMPOUNDS COMPRISING A SUBSTITUTED HETEROCYCLIC GROUP AND METHODS OF USE THEREOF**
[54] **COMPOSES QUINAZOLINE SUBSTITUES EN POSITION 2 COMPRENANT UN GROUPE HETEROCYCLIQUE SUBSTITUE ET LEUR METHODE D'UTILISATION**
[72] LI, LIANSHENG, US
[72] FENG, JUN, US
[72] LONG, YUN OLIVER, US
[72] LIU, YUAN, US
[72] WU, TAO, US
[72] REN, PINGDA, US
[72] LIU, YI, US
[71] ARAXES PHARMA LLC, US
[85] 2018-05-10
[86] 2016-11-16 (PCT/US2016/062288)
[87] (WO2017/087528)
[30] US (62/255,879) 2015-11-16
[30] US (62/340,291) 2016-05-23
[30] US (62/406,247) 2016-10-10

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[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) C12N 15/113 (2010.01) A61P 1/16 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF LIVER DISEASES**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE MALADIES HEPATIQUES**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[72] HALL, SAMUEL W., US
[72] JING, ENXUAN, US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-10
[86] 2016-12-14 (PCT/US2016/066564)
[87] (WO2017/106283)
[30] US (62/267,238) 2015-12-14
[30] US (62/319,015) 2016-04-06

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[13] A1
[51] **Int.Cl. C10M 159/22 (2006.01) C10M 129/10 (2006.01) C10M 129/54 (2006.01)**
[25] EN
[54] **TOXICOLOGICALLY ACCEPTABLE ALKYLPHENOL DETERGENTS AS FRICTION MODIFIERS IN AUTOMOTIVE LUBRICATING OILS**
[54] **DETERGENTS ALKYLPHENOLS TOXICOLOGIQUEMENT ACCEPTABLES UTILISES EN TANT QUE MODIFICATEURS DE FROTTEMENT DANS DES HUILES LUBRIFIANTES AUTOMOBILES**
[72] MCKENZIE, BLAYNE M., US
[72] WALKER, GARY M., US
[72] ROSKI, JAMES P., US
[72] DELBRIDGE, EWAN E., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-05-10
[86] 2016-11-15 (PCT/US2016/062031)
[87] (WO2017/087384)
[30] US (62/256,325) 2015-11-17

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[51] **Int.Cl. A61B 18/00 (2006.01) B01D 53/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ATTACHMENT AND EVACUATION**
[54] **PROCEDE ET APPAREIL DE FIXATION ET D'EVACUATION**
[72] HERSEY, TIMOTHY, US
[72] SHVETSOV, KYRYLO, US
[72] PEPE, GREG, US
[72] BONANO, SAMANTHA, US
[72] CALLAHAN, JOSEPH P., US
[71] BUFFALO FILTER LLC, US
[85] 2018-05-10
[86] 2016-12-14 (PCT/US2016/066678)
[87] (WO2017/106360)
[30] US (62/267,123) 2015-12-14

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[51] **Int.Cl. B27N 3/02 (2006.01)**
[25] EN
[54] **CALCIUM CARBONATE FOR PARTICLE BOARDS**
[54] **CARBONATE DE CALCIUM POUR PANNEAUX DE PARTICULES**
[72] SCHRUL, CHRISTOPHER, CH
[72] KRITZINGER, JOHANNES, CH
[72] OZYHAR, TOMASZ, CH
[72] HUNZIKER, PHILIPP, US
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-05-11
[86] 2016-11-24 (PCT/EP2016/078716)
[87] (WO2017/093122)
[30] EP (15196997.9) 2015-11-30
[30] US (62/263,777) 2015-12-07

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[51] **Int.Cl. C07D 487/04 (2006.01) C07D 487/20 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR TREATING SYNOVIAL SARCOMAS**
[54] **COMPOSES ET METHODES POUR LE TRAITEMENT DE SARCOMES SYNOVIAUX**
[72] KADOCH, CIGALL, US
[72] GARCIA-RIVERA, ENRIQUE, US
[72] MAETANI, MICAH, US
[72] SCHREIBER, STUART L., US
[71] KADOCH, CIGALL, US
[71] GARCIA-RIVERA, ENRIQUE, US
[71] MAETANI, MICAH, US
[71] SCHREIBER, STUART L., US
[85] 2018-05-10
[86] 2016-11-16 (PCT/US2016/062296)
[87] (WO2017/087534)
[30] US (62/255,767) 2015-11-16

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[13] A1
[51] **Int.Cl. G21H 1/00 (2006.01)**
[25] EN
[54] **ELECTRICAL GENERATOR SYSTEM**
[54] **SYSTEME A GENERATEUR ELECTRIQUE SOLAIRE**
[72] WHITEHEAD, STEVEN, AU
[71] KINETIC ENERGY AUSTRALIA PTY LTD, AU
[85] 2018-05-11
[86] 2015-11-13 (PCT/AU2015/050712)
[87] (WO2016/074044)
[30] AU (2014904588) 2014-11-14

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[51] **Int.Cl. A61C 7/00 (2006.01) A46B 9/04 (2006.01) A61C 1/08 (2006.01) A61C 7/12 (2006.01)**
[25] EN
[54] **MICRO VIBRATING DEVICES FOR DENTAL USE**
[54] **MICRO-DISPOSITIFS VIBRANTS A USAGE DENTAIRE**
[72] FLORMAN, MICHAEL J., US
[72] FLORMAN, DAVID, US
[71] SMILE LAB INC, US
[85] 2018-05-10
[86] 2016-11-15 (PCT/US2016/062089)
[87] (WO2017/083880)
[30] US (62/255,511) 2015-11-15
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/20 (2011.01) G06F 19/22 (2011.01) C40B 30/02 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS AND METHODS FOR DETECTING METHYLATION STATUS**
[54] **ACIDES NUCLEIQUES ET PROCEDES DE DETECTION DE L'ETAT DE METHYLATION**
[72] BUIS, JEFFREY, US
[72] MANN, TOBIAS, US
[72] LALIBERTE, JULIE CATHERINE, US
[72] KRUGER, ADELE, US
[71] PROGENITY, INC., US
[85] 2018-05-10
[86] 2016-11-16 (PCT/US2016/062339)
[87] (WO2017/087560)
[30] US (62/255,947) 2015-11-16

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[13] A1
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/501 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BIS-PYRIDAZINE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE BIS-PYRIDAZINE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[71] ASTRAZENECA AB, SE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2018-05-11
[86] 2016-11-25 (PCT/EP2016/078899)
[87] (WO2017/089587)
[30] GB (1520959.6) 2015-11-27

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[51] **Int.Cl. B23D 45/14 (2006.01) B23D 45/02 (2006.01) B23D 45/04 (2006.01) B23D 47/00 (2006.01) B23D 47/02 (2006.01) B27B 5/18 (2006.01) B27B 5/29 (2006.01)**
[25] EN
[54] **COLLAPSIBLE SLIDE MITER SAW**
[54] **SCIE A ONGLETS COULISSANTE REPLIABLE**
[72] LIN, JU ZHEN, TW
[72] KUO, YA PIN, TW
[72] CHIANG, HUNG-JUNG, TW
[71] REXON INDUSTRIAL CORP., LTD., TW
[85] 2018-05-10
[86] 2016-11-16 (PCT/US2016/062156)
[87] (WO2017/087447)
[30] US (62/255,694) 2015-11-16
[30] TW (104137658) 2015-11-16

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[51] **Int.Cl. G05D 1/02 (2006.01) E01F 9/594 (2016.01) B60Q 7/00 (2006.01) G08G 1/00 (2006.01)**
[25] EN
[54] **AN UNMANNED ROADSIDE SIGNAGE VEHICLE SYSTEM**
[54] **SYSTEME VEHICULAIRE DE SIGNALISATION ROUTIERE SANS CONDUCTEUR**
[72] BOYLE, NORMAN, AU
[71] BOYLE, NORMAN, AU
[85] 2018-05-11
[86] 2016-11-11 (PCT/AU2016/051084)
[87] (WO2017/079803)
[30] AU (2015904662) 2015-11-12
[30] AU (2015905331) 2015-12-22

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[13] A1
[51] **Int.Cl. G01C 11/08 (2006.01) G06T 7/593 (2017.01)**
[25] EN
[54] **METHOD FOR PRODUCING A DEPTH MAP**
[54] **PROCEDE D'ELABORATION D'UNE CARTE DE PROFONDEUR**
[72] BIRCHBAUER, JOSEF ALOIS, AT
[72] WAKOLBINGER, STEFAN, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-05-11
[86] 2016-12-07 (PCT/EP2016/080055)
[87] (WO2017/097827)
[30] DE (10 2015 224 854.2) 2015-12-10

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[13] A1
[51] **Int.Cl. B67D 1/00 (2006.01) B67D 1/04 (2006.01) B67D 1/08 (2006.01)**
[25] EN
[54] **BEVERAGE EXTRACTOR FOR SPARKLING BEVERAGES**
[54] **EXTRACTEUR DE BOISSON POUR BOISSONS GAZEUSES**
[72] LAMBRECHT, GREGORY, US
[72] MOORE, ROBERT KEVIN, US
[71] CORAVIN, INC., US
[85] 2018-05-10
[86] 2016-11-16 (PCT/US2016/062227)
[87] (WO2017/087487)
[30] US (62/256,254) 2015-11-17

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **USE OF ANTISENSE LONG NON-CODING RNAS FOR THE DIAGNOSIS OF PROSTATE CANCER**
[54] **UTILISATION D'ARN ANTISENS LONGS NON CODANTS DESTINES AU DIAGNOSTIC DU CANCER DE LA PROSTATE**
[72] MORILLON, ANTONIN, FR
[72] LONDONO-VALLEJO, ARTURO, FR
[72] ALLORY, YVES, FR
[72] SACI, ZOHRA, CA
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] INSTITUT CURIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] UNIVERSITE PARIS 12 - VAL DE MARNE, FR
[85] 2018-05-11
[86] 2016-12-16 (PCT/EP2016/081348)
[87] (WO2017/103047)
[30] EP (15307036.2) 2015-12-17

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[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/06 (2006.01) B01D 53/12 (2006.01) B01D 53/62 (2006.01) B01J 8/18 (2006.01) B01J 8/24 (2006.01) B01J 8/32 (2006.01)**
[25] EN
[54] **A PROCESS AND CONTACTOR VESSEL**
[54] **PROCEDE ET CUVE DE CONTACT**
[72] HOOPER, BARRY, AU
[71] REDEEM CCS PTY LTD, AU
[85] 2018-05-11
[86] 2016-11-16 (PCT/AU2016/051103)
[87] (WO2017/083917)
[30] AU (2015904710) 2015-11-16

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[13] A1
[51] **Int.Cl. H04S 3/00 (2006.01)**
[25] EN
[54] **HEADTRACKING FOR PARAMETRIC BINAURAL OUTPUT SYSTEM AND METHOD**
[54] **SUIVI DES MOUVEMENTS DE TETE POUR SYSTEME ET PROCEDE DE SORTIE BINAURALE PARAMETRIQUE**
[72] BREEBAART, DIRK JEROEN, AU
[72] COOPER, DAVID MATTHEW, AU
[72] DAVIS, MARK F., US
[72] MCGRATH, DAVID S., AU
[72] KJOERLING, KRISTOFER, SE
[72] MUNDT, HARALD, DE
[72] WILSON, RHONDA J., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[71] DOLBY INTERNATIONAL AB, NL
[85] 2018-05-10
[86] 2016-11-17 (PCT/US2016/062497)
[87] (WO2017/087650)
[30] US (62/256,462) 2015-11-17
[30] EP (15199854.9) 2015-12-14

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[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 38/00 (2006.01) C07K 14/00 (2006.01) C12N 15/11 (2006.01) C12N 15/64 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS ENCODING REPETITIVE AMINO ACID SEQUENCES RICH IN PROLINE AND ALANINE RESIDUES THAT HAVE LOW REPETITIVE NUCLEOTIDE SEQUENCES**
[54] **ACIDES NUCLEIQUES CODANT POUR DES SEQUENCES D'ACIDES AMINES REPETITIVES RICHES EN RESIDUS PROLINE ET ALANINE COMPORTANT DES SEQUENCES DE NUCLEOTIDES A FAIBLE REPETITIVITE**
[72] BINDER, ULI, DE
[72] ACHATZ, STEFAN, DE
[72] SKERRA, ARNE, DE
[71] XL-PROTEIN GMBH, DE
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
[85] 2018-05-11
[86] 2016-12-22 (PCT/EP2016/082407)
[87] (WO2017/109087)
[30] EP (15202093.9) 2015-12-22

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[13] A1
[51] **Int.Cl. H02P 21/00 (2016.01) F04D 19/00 (2006.01)**
[25] EN
[54] **ELECTRIC SUBMERSIBLE PUMPING SYSTEM WITH PERMANENT MAGNET MOTOR**
[54] **SYSTEME DE POMPAGE SUBMERSIBLE ELECTRIQUE DOTE D'UN MOTEUR A AIMANT PERMANENT**
[72] HOYTE, SCOTT MORDIN, US
[72] MIDDLETON, CHRISTOPHER MARTIN, US
[71] GE OIL & GAS ESP, INC., US
[85] 2018-05-10
[86] 2016-11-16 (PCT/US2016/062257)
[87] (WO2017/087508)
[30] US (14/942,993) 2015-11-16

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **PRE-FILLED PHARMACEUTICAL PACKAGE COMPRISING A LIQUID FORMULATION OF A VEGF-ANTAGONIST**
[54] **CONDITIONNEMENT PHARMACEUTIQUE PREREMPLI COMPRENANT UNE FORMULATION LIQUIDE D'UN ANTAGONISTE DU VEGF**
[72] BROCKMEYER, CARSTEN, DE
[72] WEIKART, CHRISTOPHER, US
[72] BENNETT, MURRAY STEPHEN, US
[72] GIRAUD, JEAN-PIERRE, US
[72] STRUNGMANN, THOMAS, DE
[71] FORMYCON AG, DE
[71] SIO2 MEDICAL PRODUCTS, INC., US
[71] KLINGE BIOPHARMA GMBH, DE
[85] 2018-05-10
[86] 2016-11-18 (PCT/US2016/062767)
[87] (WO2017/087798)
[30] US (62/257,210) 2015-11-18

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **SIGNATURES FOR PREDICTING CANCER IMMUNE THERAPY RESPONSE**
[54] **SIGNATURES POUR PREDIRE UNE REPONSE A UNE IMMMUNOTHERAPIE DU CANCER**
[72] WAGNER, SUSANNE, US
[71] MYRIAD GENETICS, INC., US
[85] 2018-05-10
[86] 2016-11-18 (PCT/US2016/062807)
[87] (WO2017/087819)
[30] US (62/257,299) 2015-11-19
[30] US (62/259,477) 2015-11-24
[30] US (62/259,520) 2015-11-24

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[13] A1
[51] **Int.Cl. C07H 15/06 (2006.01) A61K 31/122 (2006.01) A61K 31/7032 (2006.01) A61P 35/00 (2006.01) C07C 49/753 (2006.01) C07C 57/12 (2006.01) C07C 69/30 (2006.01) C07H 15/04 (2006.01)**
[25] EN
[54] **NEW MOLECULES FROM SEAWEEDS WITH ANTI-CANCER ACTIVITY**
[54] **NOUVELLES MOLECULES ISSUES D'ALGUES MARINES A ACTIVITE ANTICANCEREUSE**
[72] BOBBITT, JUDITH, CA
[72] ZEIN, AHMED, CA
[71] OCEANS LTD., CA
[85] 2018-05-11
[86] 2016-11-16 (PCT/CA2016/051333)
[87] (WO2017/083967)
[30] US (62/256,339) 2015-11-17
[30] US (62/269,198) 2015-12-18

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[13] A1
[51] **Int.Cl. C25B 13/02 (2006.01) H01M 2/18 (2006.01)**
[25] EN
[54] **FLOW FIELDS FOR ELECTROCHEMICAL CELL**
[54] **CHAMPS D'ECOULEMENT POUR CELLULE ELECTROCHIMIQUE**
[72] WANG, RAINEY YU, CA
[72] ABOUATALLAH, RAMI MICHEL, CA
[72] JOOS, NATHANIEL IAN, CA
[71] HYDROGENICS CORPORATION, CA
[85] 2018-05-11
[86] 2016-11-16 (PCT/CA2016/051335)
[87] (WO2017/083968)
[30] US (62/256,320) 2015-11-17

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[13] A1
[51] **Int.Cl. E21B 17/03 (2006.01) E21B 10/23 (2006.01) E21B 10/24 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **BEARING ASSEMBLY FOR DRILLING A SUBTERRANEAN FORMATION**
[54] **ENSEMBLE DE PALIER POUR FORER UNE FORMATION SOUTERRAINE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[72] ROY CHOUDHURY, NEIL, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-11
[86] 2015-12-30 (PCT/CA2015/051379)
[87] (WO2017/113002)

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[13] A1
[51] **Int.Cl. C12N 7/02 (2006.01)**
[25] EN
[54] **BUFFERS FOR STABILIZATION OF LENTIVIRAL PREPARATIONS**
[54] **TAMPONS POUR LA STABILISATION DE PREPARATIONS LENTIVIRALES**
[72] DEB, AMITABHA, US
[72] NEBELITSKY, EUGENE, US
[72] SLEPUSHKIN, VLADIMIR, US
[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-05-10
[86] 2016-11-18 (PCT/US2016/062871)
[87] (WO2017/087861)
[30] US (62/257,444) 2015-11-19

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[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **ADJUVANTING SYSTEMS AND WATER-FREE VACCINE COMPOSITIONS COMPRISING A POLYI:C POLYNUCLEOTIDE ADJUVANT AND A LIPID-BASED ADJUVANT**
[54] **SYSTEMES ADJUVANT ET COMPOSITIONS VACCINALES SANS EAU COMPRENANT UN ADJUVANT DE TYPE POLYI:C ET UN ADJUVANT LIPIDIQUE**
[72] WEIR, GENEVIEVE MARY, CA
[72] MACDONALD, LISA DIANA, CA
[72] LIWSKI, ROBERT, CA
[72] MANSOUR, MARC, CA
[71] IMMUNOVACCINE TECHNOLOGIES INC., CA
[85] 2018-05-11
[86] 2016-11-15 (PCT/CA2016/051324)
[87] (WO2017/083963)
[30] US (62/256,875) 2015-11-18

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/11 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF EYE DISEASES**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE MALADIES OCULAIRES**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[72] AZARIAN, SASSAN, US
[72] HALL, SAMUEL W., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-10
[86] 2016-12-14 (PCT/US2016/066691)
[87] (WO2017/106370)
[30] US (62/267,259) 2015-12-14
[30] US (62/318,958) 2016-04-06

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01) A47G 19/22 (2006.01) B65D 43/03 (2006.01) B65D 51/10 (2006.01)**
[25] EN
[54] **LID FOR BEVERAGE CONTAINERS**
[54] **COUVERCLE POUR RECIPIENTS DE BOISSON**
[72] ABDIYE, ABBEY, CA
[72] BENTZ, HERB, CA
[71] ABDIYE, ABBEY, CA
[71] BENTZ, HERB, CA
[85] 2018-05-11
[86] 2016-11-16 (PCT/CA2016/051341)
[87] (WO2017/083973)
[30] US (62/256,110) 2015-11-16
[30] US (62/311,401) 2016-03-21

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **ANTISENSE OLIGOMERS FOR TREATMENT OF TUBEROUS SCLEROSIS COMPLEX**
[54] **OLIGOMERES ANTISENS POUR LE TRAITEMENT DE LA SCLEROSE TUBEREUSE DE BOURNEVILLE**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-10
[86] 2016-12-14 (PCT/US2016/066705)
[87] (WO2017/106375)
[30] US (62/267,212) 2015-12-14

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61M 5/31 (2006.01) C23C 16/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL PACKAGE FOR OPHTHALMIC FORMULATIONS**
[54] **EMBALLAGE PHARMACEUTIQUE POUR FORMULATIONS OPHTALMIQUES**
[72] WEIKART, CHRISTOPHER, US
[72] BENNETT, MURRAY STEPHEN, US
[72] GIRAUD, JEAN-PIERRE, US
[71] SIO2 MEDICAL PRODUCTS, INC., US
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[54] **POWER CONTROL FOR UPLINK TRANSMISSIONS**
[54] **REGULATION DE PUISSANCE POUR EMISSIONS EN LIAISON MONTANTE**
[72] BHARADWAJ, ARJUN, US
[72] TIAN, BIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-05-10
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[54] **VARIABLE PRESSURE VESSEL**
[54] **RECIPIENT A PRESSION VARIABLE**
[72] KARAMANEV, DIMITRE, CA
[71] ISOCURRENT ENERGY INCORPORATED, CA
[85] 2018-05-11
[86] 2016-11-25 (PCT/CA2016/051395)
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[51] **Int.Cl. H04S 3/02 (2006.01)**
[25] EN
[54] **SIGNAL PROCESSING METHODS AND SYSTEMS FOR RENDERING AUDIO ON VIRTUAL LOUDSPEAKER ARRAYS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE SIGNAL POUR RESTITUER UN AUDIO SUR DES RESEAUX DE HAUT-PARLEURS VIRTUELS**
[72] BOLAND, FRANCIS MORGAN, US
[71] GOOGLE LLC, US
[85] 2018-05-10
[86] 2017-02-08 (PCT/US2017/017000)
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[30] US (62/296,934) 2016-02-18
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[25] EN
[54] **CMV VECTORS COMPRISING MICRORNA RECOGNITION ELEMENTS**
[54] **VECTEURS CMV COMPRENANT DES ELEMENTS DE RECONNAISSANCE DES MICROARN**
[72] NELSON, JAY, US
[72] HANSEN, SCOTT, US
[72] HANCOCK, MEAGHAN H., US
[72] PICKER, LOUIS, US
[72] FRUEH, KLAUS, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2018-05-10
[86] 2016-11-20 (PCT/US2016/062973)
[87] (WO2017/087921)
[30] US (62/258,393) 2015-11-20
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[25] EN
[54] **BEARING RING WITH INSULATING COATING**
[54] **BAGUE DE PALIER AVEC REVETEMENT ISOLANT**
[72] WHITE, MICHAEL, US
[71] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
[85] 2018-05-10
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[54] **GUIDANCE SYSTEMS AND APPARATUS FOR POWER SWIVEL**
[54] **SYSTEMES DE GUIDAGE ET APPAREIL DE TETE D'INJECTION MOTORISEE**
[72] WALKER, CHRISTOPHER BRIAN, US
[72] DO, HENRY, US
[72] PAPP, ROBERT IOAN, US
[72] PUSCAS, MIHAIL, US
[72] BLANKENSHIP, CALVIN RONALD, US
[72] MORENO, DELFINO, III, US
[72] CIRONE, JAMES, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-05-10
[86] 2016-11-21 (PCT/US2016/063033)
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[54] **PRODUCTION OF CARBOXYLATED NANOCELLULOSES**
[54] **PRODUCTION DE NANOCELLULOSES CARBOXYLEES**
[72] HSIAO, BENJAMIN S., US
[72] CHU, BENJAMIN, US
[72] SHARMA, PRIYANKA R., US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2018-05-10
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[54] **FIREARM CONVERSION KIT NOT REQUIRING A DEDICATED FASTENING TOOL**
[54] **KIT DE CONVERSION D'ARME A FEU NE NECESSITANT PAS D'OUTIL DE FIXATION DEDIE**
[72] DIONNE, SYLVAIN, CA
[71] GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS - CANADA, INC., CA
[85] 2018-05-11
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TREATING ECTOPIC CALCIFICATION DISORDERS, AND METHODS USING SAME**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES DE LA CALCIFICATION ECTOPIQUE, ET METHODES LES UTILISANT**
[72] BRADDOCK, DEMETRIOS, US
[71] YALE UNIVERSITY, US
[85] 2018-05-10
[86] 2016-11-21 (PCT/US2016/063034)
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[25] EN
[54] **NANOPORE-CONTAINING SUBSTRATES WITH ALIGNED NANOSCALE ELECTRONIC ELEMENTS AND METHODS OF MAKING AND USING SAME**
[54] **SUBSTRATS CONTENANT DES NANOPORES AVEC DES ELEMENTS ELECTRONIQUES NANOMETRIQUES ALIGNES ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] ALDEN, JONATHAN, US
[72] CORTESE, ALEJANDRO, US
[72] BARNARD, ARTHUR, US
[72] MCEUEN, PAUL, US
[71] CORNELL UNIVERSITY, US
[85] 2018-05-10
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[54] **FILTER DEVICE**
[54] **DISPOSITIF DE FILTRE**
[72] OECHSLE, DIETMAR, DE
[71] PALL CORPORATION, US
[85] 2018-05-11
[86] 2016-12-23 (PCT/EP2016/082593)
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[25] EN
[54] **CHELATED METAL OXIDE GEL COMPOSITIONS**
[54] **COMPOSITIONS DE GEL D'OXYDE METALLIQUE CHELATE**
[72] WINGFIELD, WILLIAM, US
[71] WINGFIELD, WILLIAM, US
[85] 2018-05-10
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[54] **MEDIUM VOLTAGE TRANSFORMERLESS MULTILEVEL CONVERTER AND METHOD FOR CONTROLLING A MEDIUM VOLTAGE TRANSFORMERLESS MULTILEVEL CONVERTER**
[54] **CONVERTISSEUR A PLUSIEURS NIVEAUX SANS TRANSFORMATEUR DE TENSION MOYENNE ET PROCEDE DE COMMANDE D'UN CONVERTISSEUR A PLUSIEURS NIVEAUX SANS TRANSFORMATEUR DE TENSION MOYENNE**
[72] MIHALACHE, LIVIU, US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **CONTROLLING AUTONOMOUS VEHICLES IN CONNECTION WITH TRANSPORT SERVICES**
[54] **COMMANDE DE VEHICULES AUTONOMES EN CONNEXION AVEC DES SERVICES DE TRANSPORT**
[72] SWEENEY, MATTHEW, US
[72] BARTEL, EMILY, US
[72] VALOIS, JEAN-SEBASTIEN, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-05-10
[86] 2016-11-21 (PCT/US2016/063203)
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[30] US (62/258,066) 2015-11-20
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[54] **WING-CUTTING APPARATUS AND METHOD FOR SEVERING WINGS OR WING PARTS**
[54] **DISPOSITIF DE DECOUPE D'AILES ET PROCEDE DE SEPARATION DES AILES OU DE PARTIES DES AILES**
[72] VEEN, TIM ANDRIES, NL
[72] GERRITSEN, JOHANNES CORNELIS, NL
[72] POLMAN, RUDI THEODORUS MARIA, NL
[71] LINCO FOOD SYSTEMS A/S, DK
[85] 2018-05-11
[86] 2017-02-08 (PCT/EP2017/052727)
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[54] **AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS**
[54] **VEHICULE AERIEN A ELEMENTS DEPLOYABLES**
[72] ALLEY, NICHOLAS ROBERT, US
[72] STEELE, JOSHUA LEMMING, US
[72] WILLIAMS, JESSE OWEN, US
[72] KUEHME, DANIEL, US
[72] PHILLIPS, JONATHAN CALEB, US
[71] AREA-I INC., US
[85] 2018-05-10
[86] 2016-04-21 (PCT/US2016/028649)
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[30] US (15/092,219) 2016-04-06
[30] US (15/092,237) 2016-04-06
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[25] EN
[54] **TOPICAL FILM-FORMING SPRAY**
[54] **PULVERISATION FILMOGENE TOPIQUE**
[72] KOTTAYIL, S. GEORGE, US
[72] KUMAR, AMRESH, US
[72] SUNTHANKAR, PRASANNA, US
[72] KAVURU, VIMAL, US
[71] GRACE THERAPEUTICS LLC, US
[85] 2018-05-10
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[54] **CONTENANT POUR IMPLANT OCULAIRE**
[72] SCHALLER, MICHAEL PAUL, US
[72] LARI, DAVID REZA, US
[72] CLAUSON, LUKE WILLIAM, US
[71] NOVARTIS AG, CH
[85] 2018-05-11
[86] 2016-09-16 (PCT/IB2016/001422)
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[25] EN
[54] **TURRET HAVING A MUNITION GUIDANCE DEVICE PROTECTION**
[54] **TOURELLE COMPORTANT UNE PROTECTION DE DISPOSITIF DE GUIDAGE DE MUNITIONS**
[72] PELLEGRI, MAURO, IT
[71] LEONARDO SPA, IT
[85] 2018-05-11
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[25] EN
[54] **METHOD AND SYSTEM FOR STARTING AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE ET SYSTEME DESTINES AU DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE**
[72] LEBREUX, NORMAND, CA
[72] BERNIER, MICHEL, CA
[72] ROULEAU, JASMIN, CA
[72] MONFETTE, DAVID, AT
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **HEAVY OIL HYDROTREATING SYSTEM AND HEAVY OIL HYDROTREATING METHOD**
[54] **SYSTEME DE TRAITEMENT D'HYDROGENATION DE PETROLE LOURD ET PROCEDE DE TRAITEMENT D'HYDROGENATION DE PETROLE LOURD**
[72] LIU, TIEBIN, CN
[72] GENG, XINGUO, CN
[72] WENG, YANBO, CN
[72] LI, HONGGUANG, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP., CN
[85] 2018-05-11
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[51] **Int.Cl. A24F 47/00 (2006.01)**
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[54] **MULTI-PART ELECTRICALLY HEATED AEROSOL-GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION D'AEROSOL CHAUFFE ELECTRIQUEMENT A COMPOSANTS MULTIPLES**
[72] FORCE, ERIC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-11
[86] 2016-12-22 (PCT/EP2016/082435)
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[25] EN
[54] **DEVICES AND SYSTEMS FOR PURIFYING SILICON**
[54] **SILICIUM PURIFIE, DISPOSITIFS ET SYSTEMES PERMATTANT SA PRODUCTION**
[72] SHOWALTER, ROBERT M., US
[71] MILWAUKEE SILICON, LLC, US
[85] 2018-05-10
[86] 2016-10-06 (PCT/US2016/055678)
[87] (WO2017/062571)
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[51] **Int.Cl. A61K 38/16 (2006.01) C07K 14/475 (2006.01)**
[25] EN
[54] **ANTI-PRO/LATENT-MYOSTATIN ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-PRO-MYOSTATINE/MYOSTATINE LATENTE ET LEURS UTILISATIONS**
[72] STRAUB, MICHELLE, US
[72] LEE, DONG YUN, US
[72] MCCONAUGHY, WILLIAM K., US
[72] SHEEHAN, JARED J., US
[72] TURNER, KATHERINE JANE, US
[72] MAHANTHAPPA, NAGESH K., US
[72] CARVEN, GREGORY J., US
[72] JACKSON, JUSTIN W., US
[71] SCHOLAR ROCK, INC., US
[85] 2018-05-10
[86] 2015-11-06 (PCT/US2015/059468)
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[30] US (62/076,230) 2014-11-06
[30] US (62/100,361) 2015-01-06
[30] US (62/187,348) 2015-07-01
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[54] **DIAMINO PYRIDINE DERIVATIVES**
[54] **DERIVES DE DIAMINOPYRIDINE**
[72] THOMA, GEBHARD, CH
[71] NOVARTIS AG, CH
[85] 2018-05-11
[86] 2016-11-24 (PCT/IB2016/057105)
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[25] EN
[54] **CULTIVATION FLOOR SYSTEM FOR CULTIVATION OF PLANTS**
[54] **SYSTEME DE SOL DE CULTURE POUR LA CULTURE DE PLANTES**
[72] PAANS, HUGO WILLEM LAMBERTUS, NL
[71] ERFGOED MATERIEEL B.V., NL
[85] 2018-05-11
[86] 2016-11-10 (PCT/NL2016/050782)
[87] (WO2017/082726)
[30] NL (2015771) 2015-11-11

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[25] EN
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[54] **MESURE DE LA PRESSION OPTIQUE POUR CHIRURGIE FLUIDIQUE OPHTALMIQUE**
[72] BAXTER, VINCENT A., US
[72] WILSON, DANIEL J., US
[71] NOVARTIS AG, CH
[85] 2018-05-11
[86] 2016-12-15 (PCT/IB2016/057677)
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[30] US (62/272,946) 2015-12-30

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[25] EN
[54] **COLD STORAGE UNIT, MOVING BODY, ICE SLURRY SUPPLY SYSTEM, COLD STORAGE ARTICLE TRANSPORT SYSTEM, COLD STORAGE METHOD FOR COLD STORAGE ARTICLE, AND TRANSPORT METHOD FOR COLD STORAGE ARTICLE**
[54] **UNITE DE CONSERVATION AU FROID, CORPS MOBILE, SYSTEME D'APPROVISIONNEMENT DE COULIS DE GLACE, PROCEDE DE CONSERVATION AU FROID D'ARTICLES DEVANT ETRE CONSERVES AU FROID, ET PROCEDE DE TRANSPORT D'ARTICLES DEVANT ETRE CONSERVES AU FROID**
[72] HIROKANE, YOSHIO, JP
[72] AKIYAMA, TOMOAKI, JP
[72] IZUTSU, TADAO, JP
[71] BLANCTEC CO., LTD., JP
[85] 2018-05-11
[86] 2016-11-18 (PCT/JP2016/084322)
[87] (WO2017/086464)
[30] JP (2015-226589) 2015-11-19
[30] JP (2016-041189) 2016-03-03
[30] JP (2016-103012) 2016-05-24
[30] JP (2016-103013) 2016-05-24
[30] JP (2016-103014) 2016-05-24
[30] JP (2016-103637) 2016-05-24
[30] JP (2016-103638) 2016-05-24
[30] JP (2016-103639) 2016-05-24
[30] JP (2016-103640) 2016-05-24
[30] JP (2016-132615) 2016-07-04

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[25] EN
[54] **RECEIVING APPARATUS AND DATA PROCESSING METHOD**
[54] **RECEPTEUR ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] TAKAHASHI, KAZUYUKI, JP
[72] MICHAEL, LACHLAN BRUCE, JP
[71] SONY CORPORATION, JP
[85] 2018-05-11
[86] 2016-11-29 (PCT/JP2016/085285)
[87] (WO2017/098950)
[30] JP (2015-241210) 2015-12-10

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[51] **Int.Cl. E21B 7/04 (2006.01) E21B 7/06 (2006.01) E21B 17/00 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **DOGLEG SEVERITY ESTIMATOR FOR POINT-THE-BIT ROTARY STEERABLE SYSTEMS**
[54] **ESTIMATEUR DE SEVERITE DE DEVIATION EN PATTE DE CHIEN POUR SYSTEMES ORIENTABLES ROTATIFS A POINTAGE DE TREPAN**
[72] SAMUEL, ROBELLO, US
[72] ZHANG, YUAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-11
[86] 2015-12-14 (PCT/US2015/065566)
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[54] **OPTIMIZED COILED TUBING STRING DESIGN AND ANALYSIS FOR EXTENDED REACH DRILLING**
[54] **CONCEPTION ET ANALYSE DE COLONNE DE PRODUCTION SPIRALEE OPTIMISEE POUR FORAGE A PORTEE ETENDUE**
[72] OYEDOKUN, OLUWAFEMI I., US
[72] SAMUEL, ROBELLO, US
[72] BRAUND, GARETH M., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **A POLYVINYL ALCOHOL POROUS SUPPORT AND METHOD**
[54] **SUPPORT POREUX A BASE D'ALCOOL POLYVINYLIQUE ET PROCEDE**
[72] GOH, LI MAY, SG
[72] COSTA, LAWRENCE C., US
[72] ZHANG, KAI, SG
[72] XIAO, DEZHONG, SG
[72] KEE, KIA KIAN, SG
[72] WEE, KIN HO, SG
[72] WU, RANTING, SG
[71] BL TECHNOLOGIES, INC., US
[85] 2018-05-10
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[54] **PHARMACEUTICAL COMPOSITION CONTAINING 2-{4-[N-(5,6-DIPHENYLPYRAZIN-2-YL)-N-ISOPROPYLAMINO]BUTYLOXY}-N-(METHYLSULFONYL)ACETAMIDE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA 2-{4-[N-(5,6-DIPHENYLPYRAZIN-2-YL)-N-ISOPROPYLAMINO]BUTYLOXY}-N-(METHYLSULFONYL)ACETAMIDE**
[72] FURUTA, SHOUJI, JP
[72] MUKAI, HIRONORI, JP
[71] NIPPON SHINYAKU CO., LTD., JP
[85] 2018-05-11
[86] 2016-12-01 (PCT/JP2016/085822)
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[54] **MARITIME FLOATATION DEVICE**
[54] **DISPOSITIF DE FLOTTAISON MARITIME**
[72] HUMPHRIES, TONY, NZ
[72] HOLDAWAY, ADAM, NZ
[72] HAMILTON, DAVID, NZ
[72] MARSDEN, GREGORY, NZ
[72] JONES, MICK, NZ
[72] TAYLOR, GRANT, NZ
[71] MAS ZENGRANGE (NZ) LIMITED, NZ
[85] 2018-05-11
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[25] EN
[54] **METAL-BEARING URETHANIZED POLYMER SOLUBLE IN A LOW-VOLATILE ORGANIC COMPOUND SOLVENT**
[54] **POLYMERE URETHANISE AVEC METAL SOLUBLE DANS UN SOLVANT A FAIBLE TAUX DE COMPOSES ORGANIQUES VOLATILS**
[72] CLAUWAERT, EDDY, BE
[71] EGE KIMYA SAN. VE TIC. A. S., TR
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[25] EN
[54] **HIGH TORQUE CONSTANT VELOCITY JOINT FOR DOWNHOLE DRILLING POWER TRANSMISSION**
[54] **JOINT HOMOCINETIQUE A COUPLE ELEVE POUR UNE TRANSMISSION DE PUISSANCE DE FORAGE DE FOND DE TROU**
[72] SONAR, SANDIP, CA
[72] SADABADI, HAMID, CA
[72] PARK, STEVEN, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **PALATAL EXPANSION APPLIANCE**
[54] **DISPOSITIF D'EXPANSION PALATINE**
[72] MOON, SUNG CHUL, KR
[71] MOON, SUNG CHUL, KR
[85] 2018-05-11
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[54] **MULTIPLE DEPTH OF INVESTIGATION NUCLEAR MAGNETIC RESONANCE LOGGING FOR DETERMINING THE POROSITY AND PORE TYPE OF SUBTERRANEAN FORMATIONS**
[54] **DIAGRAPHIE PAR RESONANCE MAGNETIQUE NUCLEAIRE A DE MULTIPLES PROFONDEURS D'ETUDE EN VUE LA DETERMINATION DE LA POROSITE ET DU TYPE DE PORES DE FORMATIONS SOUTERRAINES**
[72] CHEN, SONGHUA, US
[72] JACHMANN, REBECCA CORINA, US
[72] REIDERMAN, ARCADY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **GAS APPLIANCE IGNITION MODULE**
[54] **MODULE D'ALLUMAGE D'APPAREIL A GAZ**
[72] BECKER, JAMES S., US
[72] LAZAR, FLORIN N., US
[71] CHANNEL PRODUCTS, INC., US
[85] 2018-05-11
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[25] EN
[54] **SYSTEM FOR MEASURING AND EVALUATING BUILDING ENERGY PERFORMANCE AND METHOD FOR DRIVING SAME**
[54] **SYSTEME POUR MESURER ET EVALUER LES PERFORMANCES ENERGETIQUES D'UN BATIMENT ET SON PROCEDE DE COMMANDE**
[72] SONG, SU WOON, KR
[72] PARK, CHUN-GUN, KR
[71] KOREA INSTITUTE OF CONSTRUCTION TECHNOLOGY, KR
[85] 2018-05-11
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[54] **METHOD AND SYSTEM FOR GROSS SETTLEMENT BY USE OF AN OPAQUE BLOCKCHAIN**
[54] **PROCEDE ET SYSTEME DE REGLEMENT BRUT AU MOYEN D'UNE CHAINE DE BLOCS OPAQUE**
[72] DAVIS, STEVEN CHARLES, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **COLDWAVE APPLIANCE**
[54] **APPAREIL A ONDE FROIDE**
[72] DUSSAULT, DAVID, US
[72] BECK, BENJAMIN J., US
[72] MARSDEN, DOUGLAS A., US
[72] DONOVAN, RYAN J., US
[71] ICECOLDNOW, INC., US
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[54] **SUCTION DEVICES AND METHODS FOR FINE NEEDLE ASPIRATION**
[54] **DISPOSITIFS D'ASPIRATION ET PROCEDES D'ASPIRATION A AIGUILLE FINE**
[72] KATKAR, AMOL SURYAKANT, US
[71] FNAPEN LLC, US
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[25] EN
[54] **ELECTRIC RESISTANCE RADIANT FURNACE WITH MESH, SCREEN, OR HONEYCOMB BETWEEN PANEL EMITTERS**
[54] **FOYER RAYONNANT A RESISTANCE ELECTRIQUE, DOTE D'UN TREILLIS, TAMIS OU NID D'ABEILLES ENTRE LES EMETTEURS DE PANNEAU**
[72] COGGINS, ALLEN, US
[71] THERMASI LLC, US
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[54] **DISC BRAKE AND SET OF BRAKE PADS**
[54] **FREIN A DISQUE ET JEU DE PLAQUETTES DE FREIN**
[72] SCHOENAUER, MANFRED, US
[72] PAHLE, WOLFGANG, US
[72] BARTEL, MARKUS, US
[72] FISCHL, TOBIAS, US
[72] BAUMGARTNER, JOHANN, US
[72] PETSCHKE, ANDREAS, US
[72] LANTZ, RICHARD L., US
[72] TEKESKY, ROBERT S., US
[72] BOHMANN, MARKUS, US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
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[54] **AIR CONTROLLED ELECTROSPRAY MANUFACTURING AND PRODUCTS THEREOF**
[54] **FABRICATION PAR ELECTRONEBULISATION A REGULATION D'AIR ET PRODUITS OBTENUS**
[72] JOO, YONG LAK, US
[72] ZHMAYEV, YEVGEN, US
[71] CORNELL UNIVERSITY, US
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[54] **ZONAL DEMAND CONTROL VENTILATION FOR A BUILDING**
[54] **VENTILATION DE REGULATION DE DEMANDE ZONALE POUR BATIMENT**
[72] OKUNEV, DMITRIY, US
[72] SRIVASTAVA, SANJEEV, US
[72] SONG, ZHEN, US
[72] WANG, LINGYUN, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **PIPE INSULATION ASSEMBLY**
[54] **ENSEMBLE D'ISOLATION DE TUYAU**
[72] PARKS, JERRY M., US
[72] MUSICK, DAVID E., US
[72] CHACKO, JACOB T., US
[72] CLANCY, TIMOTHY R., US
[72] HETTLER, NEIL, US
[72] QI, WEIGANG, US
[72] GUTKOWSKI, MADELYN ELIZABETH, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **HYDROCARBON REVERSE OSMOSIS MEMBRANES AND METHOD OF MANUFACTURE THEREOF**
[54] **MEMBRANES D'OSMOSE INVERSE D'HYDROCARBURES ET LEUR PROCEDE DE FABRICATION**
[72] MCCOOL, BENJAMIN A., US
[72] DECKMAN, HARRY W., US
[72] LIVELY, RYAN P., US
[72] KOH, DONG-YEUN, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-05-11
[86] 2016-11-10 (PCT/US2016/061251)
[87] (WO2017/083473)
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[54] **PLATEFORME DE SUIVI DE RESULTATS DE PATIENTS**
[72] JOHNSON, DUSTIN, US
[72] COMTOIS, MARC, US
[72] AMIN, KUNAL M., US
[72] HSU, KENNETH C., US
[72] MADSEN, ARNE JORGEN, US
[72] PHAM, BAO-TRAM N., US
[71] AVENT, INC., US
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[54] **PATTERN OF RETRACTABLE STOPS FOR CONTAINMENT OF ARTICLES**
[54] **AGENCEMENT DE BUTEES ESCAMOTABLES POUR RETENIR DES ARTICLES**
[72] THOMPSON, BENJAMIN J., US
[72] BUSS, SCOTT J., US
[72] LUDKA, MIKE ANDREW, US
[71] ORBIS CORPORATION, US
[85] 2018-05-11
[86] 2016-11-03 (PCT/US2016/060290)
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[25] EN
[54] **IDENTIFICATION AND CHARACTERIZATION OF NOVEL CORROSION INHIBITOR MOLECULES**
[54] **IDENTIFICATION ET CARACTERISATION DE NOUVELLES MOLECULES D'INHIBITEUR DE CORROSION**
[72] BALASUBRAMANIAN, RAMAKRISHNAN, US
[72] EPPS, BRIAN, US
[72] MOLONEY, JEREMY, US
[72] MOLONEY, ETHAN, US
[71] ECOLAB USA INC., US
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[25] EN
[54] **BENZOFURAN DERIVATIVES FOR THE TREATMENT OF CNS AND OTHER DISORDERS**
[54] **DERIVES DE BENZOFURANNE A UTILISER DANS LE TRAITEMENT DE TROUBLES DU SNC ET D'AUTRES TROUBLES**
[72] WARNER, JOHN C., US
[72] CHERUKU, SRINIVASA R., US
[72] GLADDING, JEFFERY A., US
[71] WARNER BABCOCK INSTITUTE FOR GREEN CHEMISTRY, US
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[25] EN
[54] **REVERSE OSMOSIS MEMBRANES AND SEPARATIONS**
[54] **MEMBRANES ET SEPARATIONS A OSMOSE INVERSEE**
[72] MCCOOL, BENJAMIN, US
[72] DECKMAN, HARRY W., US
[72] LIVELY, RYAN P., US
[72] KOH, DONG-YEUN, US
[72] PARTRIDGE, RANDALL D., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
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[86] 2016-11-10 (PCT/US2016/061259)
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[54] **WELDING SYSTEM AND METHOD FOR SHIELDED WELDING WIRES**
[54] **SYSTEME ET PROCEDE DE SOUDAGE POUR FILS DE SOUDAGE BLINDES**
[72] KLEGIN, MICHAEL TODD, US
[72] HAVEN, CALEB, US
[71] ILLINOIS TOOLS WORKS INC., US
[85] 2018-05-11
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[54] **ELEMENTS DE SUPPORT POUR MATERIAU FILTRANT PLISSE**
[72] POON, WAI, US
[72] PINGRY, RYDER WILLIAM, US
[72] CHIKWEM, CHINEDU DAVID, US
[71] W.L. GORE & ASSOCIATES, INC., US
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[54] **ANTI-THEFT INSERT FOR UNDERGROUND ENCLOSURE**
[54] **INSERT ANTIVOL POUR ENCEINTE SOUTERRAINE**
[72] TRAMM, PAUL STEVEN, US
[72] POLK, JOHN THOMAS, US
[72] CRAMER, CHARLES, US
[71] HUBBELL INCORPORATED, US
[85] 2018-05-11
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[25] EN
[54] **"KITTY CAT CAN" EXTERIOR MOUNTED LITTER BOX FOR IN-DOOR CATS & KITTENS & OTHER SMALL ANIMALS**
[54] **CAISSE A LITIERE « KITTY CAT CAN » MONTEE A L'EXTERIEUR POUR CHAT ET CHATONS D'INTERIEUR ET AUTRES PETITS ANIMAUX**
[72] IMEL, SHARON LOUISE GODDARD, US
[71] IMEL, SHARON LOUISE GODDARD, US
[85] 2018-05-11
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[25] EN
[54] **SELF-PRESSURIZING SOLUBLE ALKALI SILICATE FOR USE IN SEALING SUBTERRANEAN SPACES**
[54] **SILICATE ALCALIN SOLUBLE A AUTOPRESSURISATION POUR UNE UTILISATION DANS L'IMPERMEABILISATION D'ESPACES SOUTERRAINS**
[72] MCDONALD, MICHAEL JAMES, CA
[72] LI, XIANGLIAN, CA
[72] CRAMER, BRETT HOWARD, US
[72] SHORT, KELLY PAUL, JR., US
[71] PQ CORPORATION, US
[71] BYK USA INC., US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061518)
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[30] US (62/253,834) 2015-11-11
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[25] EN
[54] **EXOGENOUS CONTROL OF MAMMALIAN GENE EXPRESSION THROUGH APTAMER-MEDIATED MODULATION OF POLYADENYLATION**
[54] **CONTROLE EXOGENE DE L'EXPRESSION GENIQUE CHEZ UN MAMMIFERE PAR MODULATION MEDIEE PAR DES APTAMERES DE LA POLYADENYLATION**
[72] YEN, LAISING, US
[72] LUO, LIMING, US
[72] CHAO, PEI-WEN, US
[71] BAYLOR COLLEGE OF MEDICINE, US
[85] 2018-05-11
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[25] EN
[54] **FOOT PEDAL OCCLUSION INDICATOR SYSTEM, APPARATUS, AND METHOD**
[54] **SYSTEME, APPAREIL ET PROCEDE D'INDICATION D'OCCLUSION PAR L'INTERMEDIAIRE D'UNE PEDALE DE PIED**
[72] MALLOUGH, MITCHELL W., US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061521)
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[30] US (14/940,028) 2015-11-12

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[54] **JOINT IMPLANTS AND METHODS**
[54] **IMPLANTS D'ARTICULATION ET METHODES**
[72] ANDERSON, DAVID M., US
[72] BERELSMAN, BRIAN K., US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061627)
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[30] US (62/254,282) 2015-11-12

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[25] EN
[54] **ADDITIVE MANUFACTURING APPARATUS, SYSTEM, AND METHOD**
[54] **APPAREIL, SYSTEME ET PROCEDE D'IMPRESSION EN TROIS DIMENSIONS**
[72] KNECHT, FREDERICK, US
[72] LITTRELL, MICHAEL G., US
[71] PAXIS LLC, US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061649)
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[51] **Int.Cl. C07D 233/04 (2006.01) C07D 233/08 (2006.01) C07D 233/12 (2006.01)**
[25] EN
[54] **CHEMICAL PRODUCTS FOR SURFACE PROTECTION**
[54] **PRODUITS CHIMIQUES DE PROTECTION DE SURFACE**
[72] ZHA, CHARLES, US
[72] BEETGE, JAN, US
[71] HEXION INC., US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061639)
[87] (WO2017/087279)
[30] US (62/258,023) 2015-11-20
[30] US (62/260,777) 2015-11-30
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[51] **Int.Cl. A47C 19/00 (2006.01) A47C 19/02 (2006.01) A47C 19/04 (2006.01) A47C 23/34 (2006.01)**
[25] EN
[54] **BED FRAME ASSEMBLY**
[54] **ENSEMBLE CADRE DE LIT**
[72] HOFF, KYLE, US
[71] FLOYD DESIGN, LLC, US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061681)
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[25] EN
[54] **MODIFIED PLANTS CONTAINING COMBINATION OF APYRASE GENES AND METHOD FOR MAKING MODIFIED PLANTS WITH COMBINATION OF APYRASE GENES**
[54] **PLANTES MODIFIEES CONTENANT UNE COMBINAISON DE GENES APYRASE ET PROCEDE DE FABRICATION DE PLANTES MODIFIEES AVEC UNE COMBINAISON DE GENES APYRASE**
[72] ROUX, STANLEY J., US
[72] CLARK, GREGORY B., US
[71] BOARD OF REGENTS,THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061640)
[87] (WO2017/083728)
[30] US (62/254,558) 2015-11-12
[30] US (62/254,552) 2015-11-12
[30] US (62/254,543) 2015-11-12
[30] US (62/360,210) 2016-07-08

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[51] **Int.Cl. B01D 53/58 (2006.01) B01D 53/73 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING INDUSTRIAL WASTE STREAMS AND RECOVERING CERTAIN CHEMICAL COMPOUNDS**
[54] **PROCEDES DE TRAITEMENT DE FLUX DE DECHETS INDUSTRIELS ET DE RECUPERATION DE CERTAINS COMPOSES CHIMIQUES**
[72] TEMPLE, STEPHEN R., US
[72] WHITNEY, HOWARD EVERETT, US
[71] STEEN RESEARCH, LLC, US
[85] 2018-05-11
[86] 2016-11-15 (PCT/US2016/062066)
[87] (WO2017/083879)
[30] US (62/255,521) 2015-11-15
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[51] **Int.Cl. A61K 31/41 (2006.01) A61K 31/4245 (2006.01) A61K 31/433 (2006.01) C07D 471/02 (2006.01) C07D 471/04 (2006.01) C07D 471/14 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS FOR THE TREATMENT OF DISEASE**
[54] **COMPOSES HETEROCYCLIQUES POUR LE TRAITEMENT DE MALADIES**
[72] MOHAN, RAJU, US
[72] HARRIS, JASON, US
[72] NUSS, JOHN, US
[71] OPPILAN PHARMA LTD., GB
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061676)
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[30] US (62/255,041) 2015-11-13

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[51] **Int.Cl. A61F 9/007 (2006.01) A61K 9/22 (2006.01) A61M 5/00 (2006.01) A61M 5/28 (2006.01) A61M 31/00 (2006.01) A61M 37/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **POROUS STRUCTURES FOR EXTENDED RELEASE DRUG DELIVERY DEVICES**
[54] **STRUCTURES POREUSES POUR DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT A LIBERATION PROLONGEE**
[72] CAMPBELL, RANDOLPH E., US
[72] SACHERMAN, KEVIN W., US
[72] FARINAS, KATHLEEN COGAN, US
[72] ERICKSON, SIGNE R., US
[72] BOYETTE, JEREMY, US
[71] FORSIGHT VISION4, INC., US
[85] 2018-05-11
[86] 2016-11-18 (PCT/US2016/062944)
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[30] US (62/258,127) 2015-11-20
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[25] EN
[54] **METHODS OF TREATING MUSCULAR DYSTROPHY**
[54] **METHODES DE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE**
[72] RODINO-KLAPAC, LOUISE, US
[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2018-05-11
[86] 2016-11-11 (PCT/US2016/061703)
[87] (WO2017/083776)
[30] US (62/254,539) 2015-11-12
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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **DETECTION OF STENT STRUTS RELATIVE TO SIDE BRANCHES**
[54] **DETECTION D'ENTRETOISES D'ENDOPROTHESE PAR RAPPORT AUX BRANCHES LATERALES**
[72] AMBWANI, SONAL, US
[71] LIGHTLAB IMAGING, INC., US
[85] 2018-05-11
[86] 2016-11-16 (PCT/US2016/062213)
[87] (WO2017/087477)
[30] US (62/257,185) 2015-11-18
[30] US (14/975,462) 2015-12-18

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[25] EN
[54] **ANTIMICROBIAL HARD SURFACE CLEANING COMPOSITIONS PROVIDING IMPROVED GREASE REMOVAL**
[54] **COMPOSITIONS ANTIMICROBIENNES DE NETTOYAGE DE SURFACES DURES ASSURANT UNE MEILLEURE ELIMINATION DES GRAISSES**
[72] CERMENATI, LAURA, BE
[72] CEULEMANS, RAPHAEL ANGELINE ALFONS, BE
[72] VANDEVENNE, ANN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-11
[86] 2016-12-13 (PCT/US2016/066264)
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[30] EP (15201809.9) 2015-12-22
[30] EP (16185113.4) 2016-08-22

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[25] EN
[54] **ANTISENSE OLIGOMERS FOR TREATMENT OF ALAGILLE SYNDROME**
[54] **OLIGOMERES ANTISENS POUR LE TRAITEMENT DU SYNDROME D'ALAGILLE**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-11
[86] 2016-12-13 (PCT/US2016/066414)
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[30] US (62/267,210) 2015-12-14

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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF CENTRAL NERVOUS SYSTEM DISEASES**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-11
[86] 2016-12-14 (PCT/US2016/066721)
[87] (WO2017/106382)
[30] US (62/267,256) 2015-12-14
[30] US (62/319,011) 2016-04-06

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[51] **Int.Cl. C12N 15/113 (2010.01) A61P 13/12 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **ANTISENSE OLIGOMERS FOR TREATMENT OF POLYCYSTIC KIDNEY DISEASE**
[54] **OLIGOMERES ANTISENS POUR LE TRAITEMENT DE LA POLYKYSTOSE RENALE**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-11
[86] 2016-12-13 (PCT/US2016/066417)
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[30] US (62/267,252) 2015-12-14

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/113 (2010.01) C12N 15/11 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF KIDNEY DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES RENALES**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-11
[86] 2016-12-14 (PCT/US2016/066576)
[87] (WO2017/106292)
[30] US (62/267,242) 2015-12-14

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[25] EN
[54] **METHODS OF TREATING SKIN CONDITIONS USING PLASMONIC NANOPARTICLES**
[54] **METHODES DE TRAITEMENT D'AFFECTIONS CUTANEES A L'AIDE DE NANOPARTICULES PLASMONIQUES**
[72] PAITHANKAR, DILIP, US
[71] SEBACIA, INC., US
[85] 2018-05-11
[86] 2016-11-14 (PCT/US2016/061827)
[87] (WO2017/083819)
[30] US (62/254,760) 2015-11-13

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/09 (2012.01)**
[25] EN
[54] **METHODS FOR DRILLING MULTIPLE PARALLEL WELLS WITH PASSIVE MAGNETIC RANGING**
[54] **PROCEDES DE FORAGE DE PUITS PARALLELES MULTIPLES AVEC TELEMETRIE MAGNETIQUE PASSIVE**
[72] ESTES, ROBERT A., US
[72] LEAL, CATALINA, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-05-11
[86] 2016-11-16 (PCT/US2016/062221)
[87] (WO2017/087483)
[30] US (62/255,924) 2015-11-16

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[51] **Int.Cl. C12N 15/85 (2006.01) C12N 15/113 (2010.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF RETINITIS PIGMENTOSA 18 AND RETINITIS PIGMENTOSA 13**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE RETINITE PIGMENTAIRE 18 ET DE RETINITE PIGMENTAIRE 13**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-11
[86] 2016-12-14 (PCT/US2016/066684)
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[30] US (62/267,261) 2015-12-14

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[51] **Int.Cl. A47J 37/12 (2006.01)**
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[54] **SYSTEM AND METHOD FOR SENSING OIL QUALITY**
[54] **SYSTEME ET PROCEDE POUR DETECTER LA QUALITE D'UNE HUILE**
[72] LAMBERT, NATHANIEL A., US
[72] FECTEAU, MICHAEL T., US
[72] FINNIE, JASON D., US
[72] PERKINS, JARED C., US
[71] PITCO FRIALATOR, INC., US
[85] 2018-05-11
[86] 2016-12-16 (PCT/US2016/067179)
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[25] EN
[54] **ANTISENSE OLIGOMERS FOR TREATMENT OF AUTOSOMAL DOMINANT MENTAL RETARDATION-5 AND DRAVET SYNDROME**
[54] **OLIGOMERES ANTISENS DESTINES AU TRAITEMENT DU RETARD MENTAL DOMINANT AUTOSOMIQUE 5 ET DU SYNDROME DE DRAVET**
[72] AZNAREZ, ISABEL, US
[72] NASH, HUW M., US
[71] COLD SPRING HARBOR LABORATORY, US
[71] STOKE THERAPEUTICS, INC., US
[85] 2018-05-11
[86] 2016-12-14 (PCT/US2016/066708)
[87] (WO2017/106377)
[30] US (62/267,251) 2015-12-14

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[51] **Int.Cl. F16H 48/22 (2006.01) B60K 17/35 (2006.01) B60K 17/354 (2006.01) B60K 23/08 (2006.01) F16D 23/12 (2006.01)**
[25] EN
[54] **REAR DRIVE MODULE HAVING A RING GEAR DISCONNECT AND SYNCH-LOCK MECHANISM**
[54] **MODULE DE PROPULSION ARRIERE AYANT UN MECANISME DE DECOUPLAGE DE COURONNE ET DE VERROUILLAGE DE SYNCHRONISATION**
[72] EKONEN, TODD R., US
[72] COOK, DENNIS, US
[72] MONKABA, GARY, US
[72] OHNO, SHUN, JP
[71] LINAMAR CORPORATION, CA
[85] 2018-05-11
[86] 2016-11-14 (PCT/US2016/061831)
[87] (WO2017/083821)
[30] US (62/254,279) 2015-11-12

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[25] EN
[54] **METHODS, COMPOSITIONS, AND SYSTEMS FOR CULTURING AND CHARACTERIZING FASTIDIOUS PLANT MICROBES**
[54] **PROCEDES, COMPOSITIONS ET SYSTEMES POUR LA CULTURE ET LA CARACTERISATION DE MICRO-ORGANISMES-VEGETAUX EXIGEANTS**
[72] MANDADI, KRANTHI K., US
[72] IRIGOYEN, SONIA C., US
[72] MIRKOV, T. ERIK, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2018-05-11
[86] 2016-11-16 (PCT/US2016/062342)
[87] (WO2017/087563)
[30] US (62/255,823) 2015-11-16

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[51] **Int.Cl. C07C 209/60 (2006.01) C07C 69/38 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF INTERMEDIATES USEFUL FOR PREPARING 1,3,4-TRIAZINE DERIVATIVES**
[54] **PROCEDE DE SYNTHESE D'INTERMEDIAIRES UTILES POUR LA PREPARATION DE DERIVES DE 1,3,4-TRIAZINE**
[72] XU, SHENG, CN
[72] XU, YIHUI, CN
[71] FMC CORPORATION, US
[85] 2018-05-11
[86] 2016-11-14 (PCT/US2016/061842)
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[30] US (62/256,825) 2015-11-18

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[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **MODULAR BLOOD TREATMENT SYSTEMS, UNITS, AND METHODS**
[54] **SYSTEMES, UNITES ET PROCEDES DE TRAITEMENT DE SANG MODULAIRES**
[72] DOYLE, MATTHEW, US
[72] TANENBAUM, LEE, US
[72] HALLIBURTON, DONOVAN, US
[72] HOFFSTETTER, ERIC, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
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[30] US (62/270,136) 2015-12-21

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[51] **Int.Cl. G06F 9/44 (2018.01)**
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[54] **SUB-GRAPH INTERFACE GENERATION**
[54] **GENERATION D'INTERFACE DE SOUS-GRAPHE**
[72] ABAYA, VICTOR T., US
[72] BRYAN, RUSSELL L., US
[72] LARSON, BROND, US
[72] OFFNER, CARL, US
[72] TEVEN, DANIEL J., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2018-05-11
[86] 2016-12-20 (PCT/US2016/067742)
[87] (WO2017/112654)
[30] US (62/270,163) 2015-12-21

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[51] **Int.Cl. B25J 15/06 (2006.01) B25J 9/04 (2006.01)**
[25] EN
[54] **ROBOTIC SYSTEM FOR SORTING SAMPLE TUBES**
[54] **SYSTEME ROBOTIQUE POUR LE TRI DE TUBES DE PRELEVEMENT**
[72] LAPHAM, KYLE, US
[72] NASH, ETHAN, US
[72] TURNER, PETER, US
[72] HAAS, KEVIN, US
[72] WONG, CHRISTOPHER, US
[71] COUNSYL, INC., US
[85] 2018-05-11
[86] 2016-12-22 (PCT/US2016/068337)
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[30] US (62/274,133) 2015-12-31
[30] US (62/301,365) 2016-02-29

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[51] **Int.Cl. C23C 28/00 (2006.01) C23C 2/12 (2006.01) C23C 22/42 (2006.01)**
[25] EN
[54] **SURFACE-TREATED STEEL MATERIAL**
[54] **ACIER A SURFACE TRAITEE**
[72] SAKAMOTO, TOSHIAKI, JP
[72] TOZAKI, YOICHI, JP
[72] NOMURA, HIROMASA, JP
[72] HAMAMURA, TOMONARI, JP
[72] NASU, HIDEAKI, JP
[71] NIPPON STEEL & SUMIKIN COATED SHEET CORPORATION, JP
[85] 2018-02-16
[86] 2017-03-07 (PCT/JP2017/009035)
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[30] JP (2016-088071) 2016-04-26

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4155 (2006.01) A61K 31/4439 (2006.01) A61P 37/06 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **HETEROAROMATIC COMPOUNDS AS BTK INHIBITORS**
[54] **COMPOSES HETEROAROMATIQUES UTILISES EN TANT QU'INHIBITEURS DE LA BTK**
[72] BOSANAC, TODD, US
[72] BENTZIEN, JOERG, US
[72] BURKE, MICHAEL JASON, US
[72] FRYER, RYAN MICHAEL, US
[72] LARSON, ERIC THOMAS, US
[72] MAO, WANG, US
[72] MCKIBBEN, BRYAN PATRICK, US
[72] SHEN, YUE, US
[72] SOLEYMANZADEH, FARIBA, US
[72] TSCHANTZ, MATT AARON, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-05-11
[86] 2016-12-15 (PCT/US2016/066799)
[87] (WO2017/106429)
[30] US (62/268,278) 2015-12-16
[30] US (62/431,008) 2016-12-07

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[51] **Int.Cl. G06Q 50/10 (2012.01) H04L 12/16 (2006.01)**
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[72] PETRY, JAMES, US
[71] SUPERDATE NETWORKS INC., CA
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[54] **ARTICLES POREUX FORMES A PARTIR DE POLY(PARA-XYLYLENE) ET PROCEDES DE FORMATION DE CES DERNIERS**
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[72] WALSH, PETER J., US
[71] W.L. GORE & ASSOCIATES, INC., US
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[72] BROWN, MICHAEL ALVIN, US
[72] MILLER, JERIN, US
[72] SHERRY, RYAN ALAN, US
[71] MSA TECHNOLOGY, LLC, US
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[54] **PORTIQUE DE THERAPIE PAR PARTICULES AVEC DEGRADEUR D'ENERGIE ET SYSTEME DE FLEXION FINALE ACHROMATIQUE**
[72] SCHIPPERS, JACOBUS MAARTEN, CH
[72] MEER, DAVID, CH
[72] GERBERSHAGEN, ALEXANDER, CH
[71] PAUL SCHERRER INSTITUT, CH
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[54] **MICROCAPSULE COMPRENANT UNE ECORCE DE POLYESTER URETHANE ET UN COEUR EN MATERIAU HYDROPHILE**
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[72] WITTELER, HELMUT, DE
[72] BRATZ, MATTHIAS, DE
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[54] **ENTRAINEMENT MOTORISE DOUBLE POUR SYSTEMES A POMPE SUBMERSIBLE ELECTRIQUE**
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[72] HUH, KUM-KANG, US
[72] TORREY, DAVID ALLAN, US
[72] PAN, DI, US
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[54] **DISPOSITIF, PROCEDE ET SYSTEME D'ADMINISTRATION DECLENCHEE DE MEDICAMENT QUANTIQUE ("TQD3")**
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[72] WILD, BENJAMIN WALTER, CA
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[54] **DETECTION DE CARACTERISTIQUES D'IMAGE RADIOLOGIQUE ET SYSTEMES ET PROCEDES D'ENREGISTREMENT**
[72] DASCAL, LORINA, IL
[72] WINKLER, ITAI, IL
[71] LIGHTLAB IMAGING, INC., US
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[54] **DISPOSITIF DE SUTURE LAPAROSCOPIQUE AVEC PLAQUE DE DENUDAGE**
[72] CHIN, WAI N., US
[72] ORRICO, JAMES, US
[72] SABAN, ADAM, US
[72] KOBYLEWSKI, GARY M., US
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[54] **SYSTEME MECANIQUE DE STABILISATION SUR LE SOL POUR VEHICULES SUR ROULETTES**
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[72] BADANO, FERNAND, FR
[72] BLONDEL, LUCIEN, FR
[72] ROUSSEL, ERIC, FR
[71] MEDTECH SA, FR
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[54] **PEPTIDES A PROPRIETES ANTI-ANGIOGENIQUES, ANTI-LYMPHANGIOGENIQUES, ET ANTI-□DEMIQUES ET FORMULATIONS DE NANOPARTICULES**
[72] BRESSLER, ERIC M., US
[72] GREEN, JORDAN J., US
[72] PANDEY, NIRANJAN B., US
[72] POPEL, ALEKSANDER S., US
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[54] **PROCEDE DE FABRICATION DE GRANULES**
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[54] **PROCEDES ET COMPOSITIONS POUR DETECTER ET MODULER DES CELLULES CANCEREUSES**
[72] GERTLER, FRANK B., US
[72] HUGHES, SHANNON K., US
[72] OUDIN, MADELEINE J., US
[72] LAUFFENBURGER, DOUGLAS A., US
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[54] **METHOD OF PURIFYING A PROTEIN FROM FERMENTATION SOLIDS UNDER DESORBING CONDITIONS**
[54] **PROCEDE DE PURIFICATION D'UNE PROTEINE A PARTIR DE SOLIDES DE FERMENTATION DANS DES CONDITIONS DE DESORPTION**
[72] TREIER-MARXEN, KATRIN, DE
[72] DECKERT, PETRA, DE
[72] SCHAEDLER, ANDREAS, DE
[72] NAVICKAS, VAIDOTAS, DE
[72] WENGERT, VOLKER, DE
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[54] **PROCEDE DE DESTRUCTION DE PRODUITS CHIMIQUES TOXIQUES**
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[54] **DETECTION ET VALIDATION D'OMBRES DANS DES IMAGES INTRAVASCULAIRES**
[72] GRIFFIN, CHRISTOPHER E., US
[71] LIGHTLAB IMAGING, INC., US
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[54] **PROCEDE DE FABRICATION DE PAPIER, DE CARTON OU AUTRES**
[72] KARISALMI, KAISA, FI
[72] LUNDIN, TOM, FI
[72] VIRTANEN, MIKKO, FI
[72] LAUKKANEN, ANTTI, FI
[72] MCKEE, JASON, FI
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[54] **MODIFICATION DE CIBLE POUR LE SUIVI ET LA DETECTION**
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[72] HELLER, DANIEL A., US
[72] DUNBAR, WILLIAM B., US
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[54] **IMAGERIE INTRAVASCULAIRE ET PROCEDES ET SYSTEMES DE DETECTION DE CATHETER DE GUIDAGE**
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[72] GRIFFIN, CHRISTOPHER E., US
[72] AMBWANI, SONAL, US
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[54] **FORMULATION LIQUIDE**
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[72] PACEY, MICHAEL, GB
[71] JAYTEE BIOSCIENCES LIMITED, GB
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[54] **MODULATEURS DES CANAUX KV3 POUR LE TRAITEMENT DE LA DOULEUR**
[72] LARGE, CHARLES, GB
[72] ALVARO, GIUSEPPE, GB
[71] AUTIFONY THERAPEUTICS LIMITED, GB
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[54] **PRODUCTION IN VIVO DE PROTEINES RECOMBINANTES N-DEGLYCOSYLEES PAR CO-EXPRESSION AVEC L'ENDO H**
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[71] MAMMEDOV, TARLAN, TR
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[54] **SYSTEME D'ELIMINATION DE SILOXANE ET PROCEDES DE REGENERATION DE MILIEUX**
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[72] MUTER, JOHN, CA
[72] HU, LINJIE, CA
[72] CASOLARA, WILLIAM Z., US
[71] GRANITEFUEL ENGINEERING INC., CA
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[54] **MATERIAUX POLYMERES POUR APPLICATIONS BIOMEDICALES**
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[72] YANG, JIAN, US
[71] ALEO BME, INC., US
[71] THE PENN STATE RESEARCH FOUNDATION, US
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[54] **MEDIA AND FERMENTATION METHODS FOR PRODUCING POLYSACCHARIDES IN BACTERIAL CELL CULTURE**
[54] **MILIEUX ET PROCEDES DE FERMENTATION POUR LA PRODUCTION DE POLYSACCHARIDES DANS UNE CULTURE DE CELLULES BACTERIENNES**
[72] DESAI, SUNIL GURURAO, US
[72] HANSON, MICHAEL ALLEN, US
[72] KINROSS, JONATHAN PATRICK, US
[72] LASKO, DANIEL R, US
[72] LOMBERK, SCOTT ELLIS, US
[72] LOTVIN, JASON ARNOLD, US
[72] PATEL-BROWN, SUJATA KAUSHIKBHAI, US
[72] SUN, WEIQIANG, US
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[54] **MACHINE ET PROCEDE POUR L'ASSEMBLAGE DE PROFILES**
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[71] ALURO NV, BE
[85] 2018-05-14
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[54] **OUTIL DE FOND DE TROU DOTE D'UN ELEMENT DE STRUCTURE MODIFIABLE**
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[54] **PRODUITS ET DISPOSITIFS POUR REGULER ET ARRETER UN SAIGNEMENT ET PROCEDES D'UTILISATION**
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[54] **COMMANDE DE PROFONDEUR DE CABLE SISMIQUE**
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[71] KIETTA, FR
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[25] EN
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[54] **SOLUTION INJECTABLE COMPRENANT UN INHIBITEUR DE TRANSCRIPTASE INVERSE NON NUCLEOSIDIQUE ET DU POLY(LACTIDE-CO-GLYCOLIDE)**
[72] WINDHAB, NORBERT, DE
[72] JABER, RIMA, DE
[72] SCHRODER, AXEL, DE
[72] BURTON, KEVIN, US
[72] TICE, TOM, US
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[54] **SYSTEMES ET PROCEDES DE DETECTION DE CODE MALVEILLANT A L'INTERIEUR D'UN CODE GENERE A L'EXECUTION**
[72] YAVO, UDI, IL
[71] ENSILO LTD., IL
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[54] **COMPOSITION BASED ON AN AMORPHOUS POLYAMIDE HAVING IMPROVED DIMENSIONAL STABILITY**
[54] **COMPOSITION A BASE DE POLYAMIDE AMORPHE PRESENTANT UNE STABILITE DIMENSIONNELLE AMELIOREE**
[72] BRULE, BENOIT, FR
[72] SAILLARD, BENJAMIN, FR
[72] LOYEN, KARINE, FR
[72] BLONDEL, PHILIPPE, FR
[71] ARKEMA FRANCE, FR
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[54] **SPLIT CONNECTOR AND MODULAR FRAME COMPRISING SUCH A SPLIT CONNECTOR**
[54] **CONNECTEUR FENDU ET BATI MODULAIRE COMPRENANT LEDIT CONNECTEUR**
[72] PFEIFFER, THOMAS, DE
[71] FLEXLINK AB, SE
[85] 2018-05-14
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[54] **COILED TUBING APPLICATION HAVING VIBRATION-BASED FEEDBACK**
[54] **APPLICATION DE TUBE SPIRALE AYANT UNE RETROACTION BASEE SUR LES VIBRATIONS**
[72] WISINGER, JOHN LESLIE, JR., US
[72] MOELDERS, NICHOLAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **OPTICAL THREE DIMENSIONAL SCANNERS AND METHODS OF USE THEREOF**
[54] **SCANNERS OPTIQUES TRIDIMENSIONNELS ET LEURS PROCEDES D'UTILISATION**
[72] MUNRO, JAMES F., US
[72] FOLEY, MICHAEL F., US
[72] REECE, JOHN BROOKS, JR., US
[72] OLLE, CHASE, US
[71] ADCOLE CORPORATION, US
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[54] **THREE-STAGE CARRIER FOR GAMMA IRRADIATION AND GAMMA IRRADIATION METHOD USING THREE-STAGE CARRIER**
[54] **SUPPORT A TROIS ETAGES POUR UN TRAITEMENT PAR EXPOSITION A DES RAYONS GAMMA ET METHODE DE TRAITEMENT PAR EXPOSITION A DES RAYONS GAMMA UTILISANT LEDIT SUPPORT A TROIS ETAGES**
[72] KIM, KWANSOO, KR
[72] KIM, KWANGHOON, KR
[72] KIM, SOOJIN, KR
[72] LEE, HOOCHUL, KR
[72] EOM, YONGWOON, KR
[71] GREENPIA TECHNOLOGY INC, KR
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[54] **OBTURATEUR DE BALLONNET POUR COLOSTOMIE**
[72] WEISS, STEPHEN JOEL, US
[72] SIMOVICH, DAVID, US
[71] INCONTINENT CONTROL DEVICES, INC., US
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[54] **HIGH-STRENGTH ALLOGRAFT TENDON CONSTRUCT**
[54] **CONSTRUCTION DE TENDON D'ALLOGREFFE DE HAUTE RESISTANCE**
[72] SAMANIEGO, ADRIAN, US
[72] SOUTHARD, MATT, US
[72] FRANKLIN, WENDY DESIREE, US
[72] HODGKISS, JESSICA, US
[72] KARAZE, BILAL, US
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[54] **CHILD-RESISTANT STORAGE CASE**
[54] **BOITE DE RANGEMENT A SECURITE ENFANT**
[72] BUREK, PAUL PHILLIP, US
[72] LUDLOW, WILLIAM EDWARD, US
[71] EDIBLES ENGINEERING LLC, US
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[54] **DATA-DRIVEN DIALOGUE ENABLED SELF-HELP SYSTEMS**
[54] **SYSTEMES D'ASSISTANCE AUTONOME ACTIVES PAR DIALOGUE PILOTE PAR DONNEES**
[72] LEV-TOV, AMIR, US
[72] TAPUHI, TAMIR, US
[72] LEV, YONI, US
[72] FAIZAKOF, AVRAHAM, US
[72] KONIG, YOCHAI, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
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[54] **ENHANCING PROPPED COMPLEX FRACTURE NETWORKS**
[54] **AMELIORATION DE RESEAUX COMPLEXES DE FRACTURES CONTENANT UN AGENT DE SOUTENEMENT**
[72] NGUYEN, PHILIP D., US
[72] STEPHENS, WALTER T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **TOUCH DEVICE USABLE FOR HAIRDRESSING APPARATUS**
[54] **DISPOSITIF TACTILE POUVANT ETRE UTILISE POUR APPAREIL DE COIFFURE**
[72] YONG, XIAO, CN
[72] JIN, LIU, CN
[71] FAROUK SYSTEMS, INC., US
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[86] 2016-10-14 (PCT/US2016/056994)
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[54] **PREREFROIDISSEMENT DE GAZ NATUREL PAR COMPRESSION ET DILATATION HAUTE PRESSION**
[72] PIERRE, FRITZ, JR., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **DEVICE FOR REDUCED OXYGEN CONCENTRATION CULTURE IN MICROFLUIDIC SYSTEMS**
[54] **DISPOSITIF POUR EFFECTUER UNE CULTURE EN PRESENCE D'UNE CONCENTRATION REDUITE EN OXYGENE DANS DES SYSTEMES MICROFLUIDIQUES**
[72] OLIVER, JOHN W. K., US
[72] NOVAK, RICHARD, US
[72] CRONCE, MICHAEL J., US
[72] INGBER, DONALD E., US
[72] WAY, JEFFREY C., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **SYSTEME DE COMMANDE DE POMPE HYDRAULIQUE**
[72] KHARPAS, ANIL BALASAHEB, IN
[72] ISAACS, ROBERT LESLIE, US
[72] PATIL, AVINASH DADASO, IN
[72] PANCHAL, AMIT RANJIT, IN
[72] FIRAKE, YOGIRAJ, IN
[72] GHEGADE, ANIL, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **VIRAL VECTORS ENCODING RECOMBINANT FVIII VARIANTS WITH INCREASED EXPRESSION FOR GENE THERAPY OF HEMOPHILIA A**
[54] **VECTEURS VIRAUX CODANT POUR DES VARIANTS FVIII DE RECOMBINAISON AVEC UNE EXPRESSION ACCRUE POUR LA THERAPIE GENIQUE DE L'HEMOPHILIE A**
[72] LENGLER, JOHANNES, AT
[72] FALKNER, FALKO-GUNTER, AT
[72] HORLING, FRANZISKA, AT
[72] ROTTENSTEINER, HANSPETER, AT
[72] SCHEIFLINGER, FRIEDRICH, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
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[54] **MULTI-PIECE ACCOMMODATING INTRAOCULAR LENS**
[54] **LENTILLE INTRAOCULAIRE ACCOMMODATIVE MULTI-PIECES**
[72] ARGENTO, CLAUDIO, US
[72] SAUL, TOM, US
[71] SHIFAMED HOLDINGS, LLC, US
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[54] **INTRAOCULAR LENS INSERTION DEVICE**
[54] **DISPOSITIF D'INSERTION DE LENTILLE INTRAOCULAIRE**
[72] SPRINGER, KEVIN R., US
[72] RUDDOCKS, DAVID A., US
[72] COLE, MARK S., US
[71] JOHNSON & JOHNSON SURGICAL VISION, INC., US
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[25] EN
[54] **AUTOMATIC SYSTEM AND METHOD FOR INJECTING A SUBSTANCE INTO AN ANIMAL**
[54] **SYSTEME AUTOMATIQUE ET PROCEDE D'INJECTION D'UNE SUBSTANCE DANS UN ANIMAL**
[72] KARIMPOUR, RAMIN, US
[71] APPLIED LIFESCIENCES AND SYSTEMS, LLC, US
[85] 2018-05-14
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[54] **MODULAR PHOTOVOLTAIC LIGHT AND POWER CUBE**
[54] **CUBE D'ECLAIRAGE ET D'ALIMENTATION PHOTOVOLTAIQUE MODULAIRE**
[72] SCHMIDT, ROBERT F., US
[71] SCHMIDT, ROBERT F., US
[85] 2018-05-14
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[54] **STRESS REDUCTION INTERPOSER FOR CERAMIC NO-LEAD SURFACE MOUNT ELECTRONIC DEVICE**
[54] **INTERPOSEUR DE REDUCTION DE CONTRAINTE DESTINE A UN DISPOSITIF ELECTRONIQUE DE MONTAGE EN SURFACE SANS PLOMB CERAMIQUE**
[72] WONG, TSE E., US
[72] CHEN, SHEA, US
[72] CHOE, HOYOUNG C., US
[71] RAYTHEON COMPANY, US
[85] 2018-05-14
[86] 2016-11-18 (PCT/US2016/062700)
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[25] EN
[54] **SOLID CHEMICALS INJECTION SYSTEM FOR OIL FIELD APPLICATIONS**
[54] **SYSTEME D'INJECTION DE PRODUITS CHIMIQUES SOLIDES POUR APPLICATIONS DE CHAMPS DE PETROLE**
[72] FOUCHARD, DAVID MARC DANIEL, US
[71] ECOLAB USA INC., US
[85] 2018-05-14
[86] 2016-11-18 (PCT/US2016/062711)
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[51] **Int.Cl. C07K 14/245 (2006.01) C07K 14/21 (2006.01)**
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[54] **NANOFIBRES ET BIOFILMS DE PROTEINE ELECTROCONDUCTEURS**
[72] JOSHI, NEEL SATISH, US
[72] DORVAL COURCHESNE, NOEMIE-MANUELLE, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **PURINONES AS UBIQUITIN-SPECIFIC PROTEASE 1 INHIBITORS**
[54] **PURINONES UTILISES COMME INHIBITEURS DE LA PROTEASE SPECIFIQUE DE L'UBIQUITINE 1**
[72] BUCKMELTER, ALEXANDRE JOSEPH, US
[72] IOANNIDIS, STEPHANOS, US
[72] FOLLOWS, BRUCE, US
[72] GUSTAFSON, GARY, US
[72] WANG, MINGHUA, US
[72] CARAVELLA, JUSTIN A., US
[72] WANG, ZHONGGUO, US
[72] FRITZEN, EDWARD L., US
[72] LIN, JIAN, US
[71] FORMA THERAPEUTICS, INC., US
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[54] **APPAREIL ET PROCEDE POUR FACILITER LA GESTION DE COMPTES**
[72] CLOUSTON, ANDREW ROBERT, AU
[72] JOARDER, JURGEN, AU
[71] MOGO HOLDINGS PTY LTD, AU
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[54] **SYSTEME D'IRRIGATION A PRESSION NEGATIVE A CANULES MULTIPLES**
[72] BUCHANAN, L. STEPHEN, US
[71] BUCHANAN, L. STEPHEN, US
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[54] **COMBINATION THERAPY FOR CANCER**
[54] **POLYTHERAPIE CONTRE LE CANCER**
[72] BECKMANN, RICHARD PAUL, US
[72] DONOHO, GREGORY PAUL, US
[72] LIN, AIMEE KARIS, US
[72] WACHECK, VOLKER, US
[71] ELI LILLY AND COMPANY, US
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[30] US (62/267,462) 2015-12-15

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[25] EN
[54] **HUMAN-HYBRID POWERTRAIN FOR A VEHICLE OR MOVING EQUIPMENT USING MAGNETORHEOLOGICAL FLUID CLUTCH APPARATUS**
[54] **GROUPE MOTOPROPULSEUR HUMAIN-HYBRIDE POUR UN VEHICULE OU UN EQUIPEMENT DE DEPLACEMENT UTILISANT UN APPAREIL D'EMBRAYAGE A FLUIDE MAGNETO-RHEOLOGIQUE**
[72] DENNINGER, MARC, CA
[72] JULIO, GUIFRE, CA
[72] PLANTE, JEAN-SEBASTIEN, CA
[72] LAROSE, PASCAL, CA
[71] EXONETIK INC., CA
[85] 2018-05-15
[86] 2016-11-16 (PCT/CA2016/051338)
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[30] US (62/255,839) 2015-11-16
[30] US (62/358,216) 2016-07-05
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[25] EN
[54] **LOW-MANGANESE TUBULAR WELDING WIRE AND METHOD OF FORMING A WELD DEPOSIT**
[54] **FIL DE SOUDAGE TUBULAIRE A FAIBLE TENEUR EN MANGANESE ET PROCEDE DE FORMATION D'UN DEPOT DE SOUDURE**
[72] BARHORST, STEVEN EDWARD, US
[72] AMATA, MARIO ANTHONY, US
[72] FIORE, SUSAN RENATA, US
[71] HOBART BROTHERS COMPANY, US
[85] 2018-05-14
[86] 2016-12-09 (PCT/US2016/065717)
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[30] US (62/266,381) 2015-12-11
[30] US (15/359,032) 2016-11-22

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[54] **CONTACT TIP AND LINER ASSEMBLY FOR WELDING TORCH**
[54] **POINTE DE CONTACT ET ENSEMBLE CHEMISE POUR CHALUMEAU SOUDEUR**
[72] CENTNER, ROBERT JOSEPH, US
[71] ILLINOIS TOOL WORKS INC., US
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[87] (WO2017/100508)
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[25] EN
[54] **COMPOSITE STEEL**
[54] **ACIER COMPOSITE**
[72] COMSTOCK, ROBERT JAMES, US
[72] ALDER, JEFFREY DOUGLAS, US
[71] AK STEEL PROPERTIES, INC., US
[85] 2018-05-14
[86] 2016-12-09 (PCT/US2016/065915)
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[51] **Int.Cl. E01C 9/00 (2006.01) E01C 5/00 (2006.01) E01C 11/00 (2006.01)**
[25] EN
[54] **PAVING ELEMENT HAVING DRAINAGE CHANNELS AND PAVEMENT SYSTEM INCORPORATING SAME**
[54] **ELEMENT DE PAVAGE MUNI DE CANAUX DE DRAINAGE ET SYSTEME DE CHAUSSEE LE COMPORTANT**
[72] VON LANGSDORFF, HARALD, CA
[72] JAMES, WILLIAM, CA
[71] F. VON LANGSDORFF LICENSING LIMITED, CA
[85] 2018-05-15
[86] 2016-11-17 (PCT/CA2016/051345)
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[25] EN
[54] **APPARATUS AND METHOD FOR ADDITIVELY MANUFACTURING A WIRE**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION ADDITIVE D'UN FIL**
[72] HSU, CHRISTOPHER, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-14
[86] 2016-12-13 (PCT/US2016/066268)
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[30] US (62/269,247) 2015-12-18
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[25] EN
[54] **METHOD FOR RECOVERING HYDROCARBONS FROM LOW PERMEABILITY FORMATIONS**
[54] **PROCEDE DE RECUPERATION D'HYDROCARBURES A PARTIR DE FORMATIONS A FAIBLE PERMEABILITE**
[72] AGUILERA, ROBERTO, CA
[72] FRAGOSO, ALFONSO, CA
[72] WANG, YI, CA
[72] JING, GUICHENG, CA
[72] SELVAN, KARTHIKEYAN, CA
[72] HARDING, THOMAS, CA
[72] QURESHI, FAISAL, CA
[71] NEXEN ENERGY ULC, CA
[71] AGUILERA, ROBERTO, CA
[71] FRAGOSO, ALFONSO, CA
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[25] EN
[54] **GRAVITY GATE LATCH LOCKABLE AND UNLOCKABLE BY A PADLOCK FROM BOTH SIDES OF A GATE**
[54] **VERROU DE PORTE PAR GRAVITE POUVANT ETRE VERROUILLE ET DEVERROUILLE PAR UN CADENAS A PARTIR DES DEUX COTES D'UNE PORTE**
[72] SIEBERT, JOSHUA STEVEN, US
[71] SIEBERT, JOSHUA STEVEN, US
[85] 2018-05-14
[86] 2017-05-02 (PCT/US2017/030655)
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[25] EN
[54] **FLUORESCENT DYE FILMS FOR DETECTING NOX-BASED EXPLOSIVES IN THE AIR, IN SOLUTIONS, AND FROM WIPE SAMPLES**
[54] **FILMS COLORES FLUORESCENTS POUR LA DETECTION DE SUBSTANCES EXPLOSIVES A BASE DE NOX DANS L'AIR, DANS DES SOLUTIONS ET DES PRELEVEMENTS PAR ESSUYAGE**
[72] BIYIKAL, MUSTAFA, DE
[72] RURACK, KNUT, DE
[71] INSTITUT DR. FOERSTER GMBH & CO. KG, DE
[85] 2018-05-15
[86] 2016-11-16 (PCT/EP2016/077888)
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[25] EN
[54] **ENGINEERING STEEL WITH A BAINITIC STRUCTURE, FORGED PARTS PRODUCED THEREFROM AND METHOD FOR PRODUCING A FORGED PART**
[54] **ACIER DE CONSTRUCTION FIN PRESENTANT UNE STRUCTURE BAINITIQUE, PIECE FORGEE FABRIQUEE A PARTIR DE CELUI-CI ET PROCEDE POUR LA FABRICATION D'UNE PIECE FORGE**
[72] REICHEL, ULRICH, DE
[72] SCHNEIDERS, TILL, DE
[72] VAN SOEST, FRANK, DE
[72] KRULL, HANS-GUNTER, DE
[71] DEUTSCHE EDELSTAHLWERKE SPECIALTY STEEL GMBH & CO. KG, DE
[85] 2018-05-15
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[25] EN
[54] **BACTERIA-BASED PROTEIN DELIVERY**
[54] **ADMINISTRATION DE PROTEINES BASEE SUR DES BACTERIES**
[72] ITTIG, SIMON, CH
[72] AMSTUTZ, MARLISE, CH
[72] KASPER, CHRISTOPH, CH
[71] UNIVERSITAT BASEL, CH
[85] 2018-05-15
[86] 2016-11-17 (PCT/EP2016/078087)
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[25] EN
[54] **DRINKS PREPARATION MACHINE**
[54] **MACHINE DE PREPARATION DE BOISSON**
[72] KRUG, JORG, DE
[72] SCHWERDTFEGER, SOPHIE, CH
[71] QBO COFFEE GMBH, CH
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[86] 2016-11-28 (PCT/EP2016/079042)
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[51] **Int.Cl. A61C 8/00 (2006.01) A61C 13/00 (2006.01) B23Q 3/06 (2006.01)**
[25] EN
[54] **PLATE FOR PRODUCTION OF A DENTAL IMPLANT AND/OR ARTIFICIAL PROSTHESIS**
[54] **PLAQUE POUR LA PRODUCTION D'UN IMPLANT DENTAIRE ET/OU D'UNE PROTHESE ARTIFICIELLE**
[72] HORNBECK, JACQUES, LU
[71] LABORATOIRE DENTAIRE HORNBECK JACQUES S.A R.L., LU
[85] 2018-05-15
[86] 2016-11-25 (PCT/EP2016/078887)
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[25] EN
[54] **METHOD FOR DETERMINING CELL CLONALITY**
[54] **METHODE DE DETERMINATION DE LA CLONALITE CELLULAIRE**
[72] LA NEVE, FABIO, IT
[72] FEGER, GEORG, CH
[72] TOSO, EMILIANO, IT
[71] ARES TRADING S.A., CH
[85] 2018-05-15
[86] 2016-12-01 (PCT/EP2016/079427)
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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/445 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **CO-CRYSTALS OF BENZIMIDAZOLE COMPOUNDS**
[54] **COCRISTAUX DE COMPOSES DE BENZIMIDAZOLE**
[72] HERNANDEZ HERRERO, GONZALO, ES
[72] RUBIO ROYO, VICTOR, ES
[72] GARCIA DOMINGUEZ, NEFTALI, ES
[72] CANAL MORI, GONZALO, ES
[72] TESSON, NICOLAS, ES
[72] JIMENEZ GONZALEZ, CARME, ES
[72] DE MIER VINUE, JORDI, ES
[71] FAES FARMA, S.A., ES
[85] 2018-05-15
[86] 2016-11-18 (PCT/EP2016/078145)
[87] (WO2017/085258)
[30] EP (15382577.3) 2015-11-20

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[13] A1
[51] **Int.Cl. G01C 11/02 (2006.01) G01S 13/90 (2006.01) G01S 17/89 (2006.01)**
[25] EN
[54] **METHOD FOR ACQUIRING IMAGES OF A SCENE, FROM A SENSOR ON BOARD A MOVING CARRIER, WITH SERVOCONTROL OF ITS LINE OF SIGHT**
[54] **PROCEDE D'ACQUISITION D'IMAGES D'UNE SCENE, A PARTIR D'UN CAPTEUR A BORD D'UN PORTEUR EN DEPLACEMENT, AVEC ASSERVISSEMENT DE SA LIGNE DE VISEE**
[72] HORAK, RAPHAEL, FR
[71] THALES, FR
[85] 2018-05-15
[86] 2016-11-18 (PCT/EP2016/078146)
[87] (WO2017/085259)
[30] FR (1502431) 2015-11-20

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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 14/71 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR BINDING VEGF**
[54] **METHODES ET COMPOSITIONS DE LIAISON DE VEGF**
[72] LI, RONGHAO, US
[72] WU, JOHN JUN, US
[71] ZHUHAI TAIRUISHANG BIOPHARM LTD., CN
[85] 2018-05-15
[86] 2016-11-18 (PCT/CN2016/106399)
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[30] US (62/257,673) 2015-11-19

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[51] **Int.Cl. B63B 21/50 (2006.01) A62C 4/00 (2006.01) F16C 33/58 (2006.01) F16C 41/00 (2006.01) F16L 27/08 (2006.01) H01R 39/64 (2006.01)**
[25] EN
[54] **BEARING ARRANGEMENT FOR AN ELECTRIC SWIVEL**
[54] **AGENCEMENT DE PALIERS POUR JOINT TOURNANT ELECTRIQUE**
[72] DIXNEUF, GEORGES, MC
[72] BARHOUMI, SAMI, MC
[72] SAGOT, FREDERIC, MC
[72] BOUTAHAR, SAMIR, MC
[72] LALLOUETTE, TERRENCE, MA
[71] SINGLE BUOY MOORINGS INC., CH
[85] 2018-05-15
[86] 2016-11-18 (PCT/EP2016/078175)
[87] (WO2017/085277)
[30] EP (15195405.4) 2015-11-19

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[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **T-CELL REACTIVITY PLATFORM**
[54] **PLATE-FORME DE REACTIVITE DES LYMPHOCYTES T**
[72] GRONLUND, HANS, SE
[71] TCER AB, SE
[85] 2018-05-15
[86] 2016-12-15 (PCT/EP2016/081141)
[87] (WO2017/102921)
[30] EP (15200619.3) 2015-12-16
[30] SE (1650493-8) 2016-04-12

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[51] **Int.Cl. B01J 19/00 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR THE AUTOMATED CHEMICAL SYNTHESIS OF COMPOUNDS**
[54] **APPAREIL ET PROCEDE POUR LA SYNTHESE CHIMIQUE AUTOMATISEE DE COMPOSES**
[72] BODE, JEFFREY WILLIAM, CH
[72] WANNER, BENEDIKT MATTHIAS, CH
[72] CHEN, KUANG-YEN, CH
[72] PATTABIRAMAN, VIJAYA, CH
[72] NICHOLS, PAULA LOUISE, CH
[71] ETH ZURICH, CH
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[51] **Int.Cl. G06F 3/0482 (2013.01) G06F 3/0484 (2013.01) B64D 11/00 (2006.01)**
[25] EN
[54] **SYSTEM AND A METHOD OF OPERATION OF THE SYSTEM INCORPORATING A GRAPHICAL USER INTERFACE IN A BULKHEAD OF A VEHICLE CABIN**
[54] **SYSTEME ET PROCEDE DE FONCTIONNEMENT DU SYSTEME COMPRENANT UNE INTERFACE UTILISATEUR GRAPHIQUE DANS UNE CLOISON D'UNE CABINE DE VEHICULE**
[72] FAGAN, TIM, CA
[72] CONNER, BRIAN, US
[72] BARTENBACH, JEFF, US
[72] NANCARROW, LINSEY, US
[72] HOBBS, TOM, US
[72] WALDMAN, ERICK, US
[72] PETRY, SEBASTIAN, US
[71] BOMBARDIER INC., CA
[85] 2018-05-15
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[51] **Int.Cl. A61K 31/138 (2006.01) A61K 31/495 (2006.01) A61K 35/12 (2015.01) A61P 37/06 (2006.01)**
[25] EN
[54] **5-HYDROXYTRYPTAMINE 1B RECEPTOR-STIMULATING AGENT FOR ENHANCING IN VIVO ENGRAFTMENT POTENTIAL**
[54] **AGENT DE STIMULATION DE RECEPTEUR 5-HYDROXYTRYPTAMINE 1B PERMETTANT D'AMELIORER LE POTENTIEL DE PRISE DE GREFFE IN VIVO**
[72] CHRETIEN, FABRICE BRUNO, FR
[72] GAILLARD, RAPHAEL, FR
[72] ROCHETEAU, PIERRE, FR
[71] INSTITUT PASTEUR, FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] CENTRE HOSPITALIER SAINTE ANNE PARIS, FR
[85] 2018-05-15
[86] 2016-07-15 (PCT/EP2016/066965)
[87] (WO2017/084774)
[30] US (62/257,816) 2015-11-20
[30] EP (16305446.3) 2016-04-15

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[25] EN
[54] **SECRETED SPLICING VARIANT OF MAMMAL KLOTHO AS A MEDICAMENT FOR COGNITION AND BEHAVIOUR IMPAIRMENTS**
[54] **VARIANT D'EPISSAGE SECRETE DE LA PROTEINE KLOTHO DE MAMMIFERE COMME MEDICAMENT POUR PALIER AUX DEFICIENCES COGNITIVES ET DU COMPORTEMENT**
[72] CHILLON RODRIGUEZ, MIGUEL, ES
[72] MASSO CHACON, ANNA, ES
[72] BOSCH MERINO, ASSUMPCIO, ES
[71] UNIVERSITAT AUTONOMA DE BARCELONA, ES
[71] FUNDACIO INSTITUCIO CATALA DE RECERCA I ESTUDIS AVANCATS, ES
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[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/54 (2006.01)**
[25] EN
[54] **PROCESSING DATA USING DYNAMIC PARTITIONING**
[54] **TRAITEMENT DE DONNEES A L'AIDE D'UN PARTITIONNEMENT DYNAMIQUE**
[72] NEWBERN, JEFFREY, US
[72] STANFILL, CRAIG W., US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2018-05-11
[86] 2016-12-05 (PCT/US2016/064898)
[87] (WO2017/105888)
[30] US (62/268,762) 2015-12-17

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[51] **Int.Cl. H04L 12/26 (2006.01) H04W 84/00 (2009.01) H04W 84/18 (2009.01)**
[25] FR
[54] **DEVICE FOR SIMULATING A COMMUNICATION RELAY**
[54] **DISPOSITIF DE SIMULATION D'UN RELAIS DE COMMUNICATION**
[72] ROMAN, ALEXANDRE, FR
[72] RICHARD, JULIEN, FR
[71] BULL SAS, FR
[85] 2018-05-15
[86] 2016-11-15 (PCT/EP2016/077753)
[87] (WO2017/085067)
[30] FR (1502392) 2015-11-16

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[13] A1
[51] **Int.Cl. G01C 22/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHOD TO TRIGGER VEHICLE EVENTS BASED ON CONTEXTUAL INFORMATION**
[54] **SYSTEMES ET PROCEDE POUR DECLENCHER DES EVENEMENTS DE VEHICULE SUR LA BASE D'INFORMATIONS CONTEXTUELLES**
[72] PALMER, JASON, US
[72] FREITAS, MARK, US
[72] VAIDYA, ALEKH, US
[72] DENINGER, DANIEL A., US
[72] SLJIVAR, SLAVEN, US
[72] FORNEY, DAVID, US
[72] GRISWOLD, JEFFREY, US
[71] SMARTDRIVE SYSTEMS, INC., US
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[30] US (15/006,056) 2016-01-25

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[25] EN
[54] **REFINING SET**
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[72] GOTTSCHALK, GERT, DE
[71] VOITH PATENT GMBH, DE
[85] 2018-05-15
[86] 2016-10-11 (PCT/EP2016/074303)
[87] (WO2017/089022)
[30] DE (DE 10 2015 223 027.9) 2015-11-23

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[51] **Int.Cl. C10G 1/06 (2006.01) C10G 1/08 (2006.01) C10G 3/00 (2006.01) C10G 45/06 (2006.01) C10G 45/10 (2006.01) C10G 45/48 (2006.01) C10G 45/52 (2006.01)**
[25] EN
[54] **CONVERSION OF BIOMASS INTO A LIQUID HYDROCARBON MATERIAL**
[54] **CONVERSION DE BIOMASSE EN MATERIAU D'HYDROCARBURE LIQUIDE**
[72] URADE, VIKRANT NANASAHEB, IN
[72] DEL PAGGIO, ALAN ANTHONY, US
[72] MEHTA, DHAIRYA DILIP, IN
[72] CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN, IN
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[86] 2016-11-22 (PCT/EP2016/078411)
[87] (WO2017/089339)
[30] IN (6292/CHE/2015) 2015-11-23

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[51] **Int.Cl. C04B 28/14 (2006.01)**
[25] EN
[54] **CONSTRUCTION UNITS IN FORM OF BRICKS, BLOCKS OR TILES MADE FROM RECYCLABLE MATERIALS AND BY-PRODUCTS, METHOD OF MAKING THE CONSTRUCTION UNITS AND THEIR USE**
[54] **UNITES DE CONSTRUCTION SOUS FORME DE BRIQUES, DE BLOCS OU DE TUILES FABRIQUEES A PARTIR DE MATERIAUX RECYCLABLES ET DE SOUS-PRODUITS, PROCEDE DE FABRICATION DES UNITES DE CONSTRUCTION ET LEUR UTILISATION**
[72] MEDERO, GABRIELA, GB
[72] CHAPMAN, SAMUEL, GB
[71] HERIOT-WATT UNIVERSITY, GB
[85] 2018-05-15
[86] 2016-11-18 (PCT/GB2016/053609)
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[30] GB (1520515.6) 2015-11-20

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[51] **Int.Cl. B23K 9/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS TO PREHEAT WELDING WIRE**
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR PRECHAUFFER UN FIL DE SOUDAGE**
[72] HSU, CHRISTOPHER, US
[72] SIGL, DENNIS, US
[72] ZWAYER, JAKE, US
[72] UECKER, JAMES, US
[72] PATTERSON, JON MICHAEL, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-11
[86] 2016-12-07 (PCT/US2016/065265)
[87] (WO2017/100247)
[30] US (62/265,712) 2015-12-10
[30] US (62/329,378) 2016-04-29
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[51] **Int.Cl. G06F 17/22 (2006.01) G06F 17/24 (2006.01)**
[25] FR
[54] **METHOD FOR GENERATING A MESSAGE FORM**
[54] **PROCEDE DE GENERATION D'UN FORMULAIRE DE MESSAGES**
[72] RICHARD, JULIEN, FR
[72] PIGAL, FABIEN, FR
[72] GALTIER, ANGELIQUE, FR
[71] BULL SAS, FR
[85] 2018-05-15
[86] 2016-11-15 (PCT/EP2016/077752)
[87] (WO2017/085066)
[30] FR (15/02393) 2015-11-16

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 9/00 (2006.01)**
[25] EN
[54] **TREATMENT OF AGE-RELATED MACULAR DEGENERATION USING RNA COMPLEXES THAT TARGET MYD88 OR TLR3**
[54] **TRAITEMENT DE LA DEGENERESCENCE MACULAIRE LIEE A L'AGE A L'AIDE DE COMPLEXES D'ARN QUI CIBLENT MYD88 OU TLR3**
[72] LEE, DONG-KI, KR
[72] HONG, SUN WOO, KR
[72] HONG, ISU, KR
[72] HWANG, JI HYE, KR
[71] OLIX PHARMACEUTICALS, INC., KR
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[54] **RIM BRAKE SYSTEM AND A TIRE**
[54] **SYSTEME DE FREIN SUR JANTE ET PNEUMATIQUE**
[72] GAFNI, IZHAR, IL
[71] I.G. CARDBOARD TECHNOLOGIES LTD., IL
[85] 2018-05-15
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[54] **CHAINE ARTICULEE, EN PARTICULIER CHAINE A DOUILLES**
[72] HEBBECKER, THOMAS, DE
[72] HANEMANN, CHRISTIAN, DE
[72] PADBERG, FRANK, DE
[72] KEMPER, STEFAN, DE
[71] KETTEN-WULF BETRIEBS-GMBH, DE
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[54] **LIQUID LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE LIQUIDE DE LAVAGE DU LINGE**
[72] FERNANDEZ MARTINEZ, LUCIA, BE
[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] BROOKER, ALAN THOMAS, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-11
[86] 2016-12-08 (PCT/US2016/065482)
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[54] **DEVICE FOR EJECTING A CORK FROM A CORKSCREW AND CORKSCREW PROVIDED WITH SUCH AN EJECTION DEVICE**
[54] **DISPOSITIF D'EJECTION D'UN BOUCHON HORS D'UN TIRE-BOUCHON ET TIRE-BOUCHON EQUIPE D'UN TEL DISPOSITIF D'EJECTION**
[72] BROUILLAC, NICOLAS, FR
[71] PSP, FR
[85] 2018-05-15
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[25] EN
[54] **METHOD AND APPARATUS OF ADAPTIVE FILTERING OF SAMPLES FOR VIDEO CODING**
[54] **PROCEDE ET APPAREIL DE FILTRAGE ADAPTATIF D'ECHANTILLONS POUR CODAGE VIDEO**
[72] FILIPPOV, ALEXEY KONSTANTINOVICH, CN
[72] RUFITSKIY, VASILY ALEXEEVICH, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **A GROUNDING ATTACHMENT AND A POLE PROVIDED WITH SUCH A GROUNDING ATTACHMENT**
[54] **DISPOSITIF DE MISE A LA TERRE ET POTEAU DOTE D'UN TEL DISPOSITIF DE MISE A LA TERRE**
[72] JOHANSSON, LARS, SE
[71] NORTHCONE AB, SE
[85] 2018-05-15
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[25] EN
[54] **PROCESS OF MAKING A LIQUID LAUNDRY DETERGENT COMPOSITION**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE DETERGENT A LESSIVE LIQUIDE**
[72] FERNANDEZ MARTINEZ, LUCIA, BE
[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] BEELEN, LAURENS, BE
[72] MARTIN-PRIETO, SERGIO, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. F16H 1/22 (2006.01)**
[25] FR
[54] **SPEED REDUCER WITH TWO INTERMEDIATE LINES FOR A TURBOPROP ENGINE, TURBOPROP ENGINE COMPRISING SAID REDUCER**
[54] **REDUCTEUR DE VITESSE A DEUX LIGNES INTERMEDIAIRES POUR TURBOPROPULSEUR, TURBOPROPULSEUR COMPORTANT LEDIT REDUCTEUR**
[72] MATHIEU, ANTOINE, FR
[72] FERAUD, BENJAMIN, FR
[72] MORELLI, BORIS PIERRE MARCEL, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
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[51] **Int.Cl. G01N 21/03 (2006.01) G01N 21/64 (2006.01)**
[25] FR
[54] **ANALYSIS CUVETTE AND DERIVATIVES WITH SIGNAL AMPLIFICATION**
[54] **CUVETTE D'ANALYSE ET DERIVES AVEC AMPLIFICATION DE SIGNAL**
[72] FOUCAULT, FREDERIC, FR
[72] VINIT, CECILE, FR
[71] BIOMERIEUX, FR
[85] 2018-05-15
[86] 2016-12-16 (PCT/FR2016/053507)
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[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING WAVEFORM OF LIGHT WAVE**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE LA FORME D'ONDE D'UNE ONDE DE LUMIERE**
[72] KIM, KYUNG-TAEC, KR
[72] NAM, CHANG-HEE, KR
[72] PARK, SEUNG-BEOM, KR
[72] CHO, WO-SIK, KR
[72] KIM, KYUNG-SEUNG, KR
[71] INSTITUTE FOR BASIC SCIENCE, KR
[71] GWANGJU INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
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[51] **Int.Cl. A61M 15/00 (2006.01)**
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[54] **AN ACTUATOR HOUSING FOR A METERED DOSE INHALER DEVICE**
[54] **BOITIER D'ACTIONNEUR POUR AEROSOL-DOSEUR**
[72] HODSON, PETER D., GB
[72] JINKS, PHILIP A., GB
[72] STUART, ADAM J., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2016-11-15 (PCT/US2016/061973)
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[54] **LOW DENSITY SUBSEA BUOYANCY AND INSULATION MATERIAL AND METHOD OF MANUFACTURING**
[54] **MATERIAU D'ISOLATION ET DE FLOTTABILITE SOUS-MARINES A FAIBLE DENSITE ET PROCEDE DE FABRICATION**
[72] COOK, TIMOTHY H., US
[72] CAPOTOSTO, DAVID A., US
[71] COOK, TIMOTHY H., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND DISTINGUISHING GENETIC SAMPLES**
[54] **SYSTEMES ET METHODES POUR IDENTIFIER ET DISTINGUER DES ECHANTILLONS GENETIQUES**
[72] KAIN, ROBERT CHARLES, US
[72] SHEN, RICHARD, US
[71] REVERE BIOSENSORS, LLC, US
[85] 2018-05-15
[86] 2016-11-15 (PCT/US2016/062090)
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[25] EN
[54] **REAL TIME TRACKING OF BENDING FORCES AND FATIGUE IN A TUBING GUIDE**
[54] **SUIVI EN TEMPS REELS DE FORCES DE FLEXION ET DE LA FATIGUE DANS UN GUIDE DE TUBE**
[72] TURNER, ALAN CHARLES JOHN, GB
[72] GILLINGS, RICHARD IAN, GB
[72] SAVENKOVA, ANNA, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING DISORDERS AND DISEASES USING SURVIVAL MOTOR NEURON (SMN) PROTEIN**
[54] **METHODES ET COMPOSITIONS POUR TRAITER DES TROUBLES ET DES MALADIES A L'AIDE DE LA PROTEINE DE SURVIE DES MOTONEURONES (SMN)**
[72] BURGHES, ARTHUR, US
[72] ARNOLD, WILLIAM, US
[72] KASPAR, BRIAN, US
[72] MCGOVERN, VICKI, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[71] THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
[85] 2018-05-15
[86] 2016-11-16 (PCT/US2016/062225)
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[54] **ADJUSTABLE BEDFRAME AND OPERATING METHODS**
[54] **CADRE DE LIT REGLABLE ET SON FONCTIONNEMENT**
[72] FRANCESCHETTI, MATTEO, US
[72] BASSI, MASSIMO ANDREASI, US
[71] EIGHT SLEEP INC., US
[85] 2018-05-15
[86] 2016-04-28 (PCT/US2016/029889)
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[51] **Int.Cl. B03D 1/06 (2006.01)**
[25] EN
[54] **UTILIZING ENGINEERED MEDIA FOR RECOVERY OF MINERALS IN TAILINGS STREAM AT THE END OF A FLOTATION SEPARATION PROCESS**
[54] **UTILISATION DE MILIEU MODIFIE POUR LA RECUPERATION DE MINERAUX DANS UN FLUX DE RESIDUS A LA FIN D'UN PROCESSUS DE SEPARATION PAR FLOTTATION**
[72] ROTHMAN, PAUL J., US
[72] FERNALD, MARK R., US
[72] DOLAN, PAUL, US
[72] BAILEY, TIMOTHY, US
[72] RYAN, MICHAEL, US
[72] AMELUNXEN, PETER A., US
[71] CIDRA CORPORATE SERVICES LLC, US
[85] 2018-05-15
[86] 2016-11-16 (PCT/US2016/062242)
[87] (WO2017/087498)
[30] US (62/255,593) 2015-11-16
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[54] **HYDROGEL COATED MESH**
[54] **MAILLE REVETUE D'HYDROGEL**
[72] POMERLEAU, MING F., US
[72] OWENS, RICK T., US
[71] LIFECELL CORPORATION, US
[85] 2018-05-15
[86] 2016-11-17 (PCT/US2016/062414)
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[51] **Int.Cl. G06T 7/00 (2017.01) H03M 7/30 (2006.01)**
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[54] **TEMPORAL COMPRESSIVE SENSING SYSTEMS**
[54] **SYSTEMES DE DETECTION DE COMPRESSION TEMPORELLE**
[72] REED, BRYAN W., US
[71] INTEGRATED DYNAMIC ELECTRON SOLUTIONS, INC., US
[85] 2018-05-15
[86] 2016-08-22 (PCT/US2016/048087)
[87] (WO2017/087045)
[30] US (62/258,194) 2015-11-20

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[51] **Int.Cl. D07B 7/16 (2006.01) B65H 59/04 (2006.01) D07B 1/18 (2006.01) D07B 7/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRODUCING A LOAD BEARING CABLE, AS WELL AS A LOAD BEARING CABLE**
[54] **DISPOSITIF ET PROCEDE POUR PRODUIRE UN CABLE PORTEUR, ET CABLE PORTEUR**
[72] VAN DER SCHUIT, RINZE JAN, NL
[71] CABIN AIR GROUP B.V., NL
[85] 2018-05-15
[86] 2016-12-06 (PCT/NL2016/050849)
[87] (WO2017/099589)
[30] NL (2015920) 2015-12-07

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[25] EN
[54] **RELIABILITY ASSESSABLE SYSTEMS FOR ACTUATING HYDRAULICALLY ACTUATED DEVICES AND RELATED METHODS**
[54] **SYSTEME D'EVALUATION DE FIABILITE POUR ACTIONNER DES DISPOSITIFS ACTIONNES DE FACON HYDRAULIQUE ET PROCEDES ASSOCIES**
[72] LEACH, ANDREW, KY
[72] BOIKE, MATTHEW, KY
[72] FAIRFAX, STEPHEN, KY
[71] TRANSOCEAN INNOVATION LABS LTD, KY
[85] 2018-05-15
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[87] (WO2017/087684)
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[54] **APPARATUS AND SYSTEM FOR TREATING GASEOUS STREAMS**
[54] **APPAREIL ET SYSTEME POUR TRAITER DES FLUX GAZEUX**
[72] JUDD, STEVEN P., US
[72] SITES, O. ANGUS, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-15
[86] 2016-11-01 (PCT/US2016/059828)
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[25] EN
[54] **DEVICES AND METHODS FOR MONITORING PHYSIOLOGIC PARAMETERS**
[54] **DISPOSITIFS ET PROCEDES DE SURVEILLANCE DE PARAMETRES PHYSIOLOGIQUES**
[72] LUXON, EVAN S., US
[72] BURNETT, DANIEL R., US
[72] VERGARA, ALEXANDER, US
[72] ZIEGLER, MARK, US
[72] VISWANATHAN, NIKHIL, US
[72] HEMATI, MICHAEL, US
[71] RESPIRIX, INC., US
[85] 2018-05-15
[86] 2016-11-15 (PCT/US2016/061993)
[87] (WO2017/087366)
[30] US (62/255,915) 2015-11-16
[30] US (62/264,734) 2015-12-08
[30] US (62/302,684) 2016-03-02
[30] US (62/331,263) 2016-05-03
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[54] **NUCLEIC ACID PRODRUGS**
[54] **PROMEDICAMENTS D'ACIDES NUCLEIQUES**
[72] THOMAS, STEPHEN, US
[72] CRUTCHER, PATRICK, US
[71] ICHORION THERAPEUTICS, INC., US
[85] 2018-05-15
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[54] **IMPROVEMENTS IN METERED DOSE INHALER DEVICES**
[54] **PERFECTIONNEMENTS AUX DISPOSITIFS INHALATEUR-DOSEUR**
[72] HODSON, PETER D., GB
[72] STUART, ADAM J., GB
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[86] 2016-11-15 (PCT/US2016/062000)
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[54] **BACK DECK AUTOMATION**
[54] **AUTOMATISATION DE PONT ARRIERE**
[72] MARC, ETIENNE, US
[72] CAMPBELL, RICHARD, US
[72] WORTHAN, CHRISTOPHER, US
[71] FAIRFIELD INDUSTRIES INCORPORATED, US
[85] 2018-05-15
[86] 2016-11-16 (PCT/US2016/062287)
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[51] **Int.Cl. A61M 1/00 (2006.01) A61F 5/44 (2006.01) A61F 5/441 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR DRAINING AND ANALYZING BODILY FLUIDS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE DRAINAGE ET D'ANALYSE DE FLUIDES CORPORELS**
[72] BURNETT, DANIEL R., US
[72] KEENAN, RICH, US
[72] SOKOLOV, DIMITRI, US
[72] BOYD, STEPHEN, US
[72] WILLIAMS, MARTIN, US
[72] VENKATESWARA-RAO, KONDAPAVULUR, US
[72] ARNEY, MICHELLE, US
[71] POTRERO MEDICAL, INC., US
[85] 2018-05-15
[86] 2016-11-03 (PCT/US2016/060365)
[87] (WO2017/087182)
[30] US (62/256,257) 2015-11-17
[30] US (62/270,022) 2015-12-20
[30] US (62/270,623) 2015-12-22
[30] US (62/275,348) 2016-01-06
[30] US (62/290,878) 2016-02-03
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[25] EN
[54] **ADSORBENT MATERIALS AND METHODS OF ADSORBING CARBON DIOXIDE**
[54] **MATERIAUX ADSORBANTS ET PROCEDES D'ADSORPTION DE DIOXYDE DE CARBONE**
[72] RAVIKOVITCH, PETER I., US
[72] SHOLL, DAVID, US
[72] KAMAKOTI, PREETI, US
[72] PAUR, CHARANJIT, US
[72] STROHMAIER, KARL G., US
[72] FANG, HANJUN, US
[72] KULKARNI, AMBARISH R., US
[72] AWATI, ROHAN V., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2018-05-15
[86] 2016-11-15 (PCT/US2016/062034)
[87] (WO2017/087385)
[30] US (62/255,789) 2015-11-16
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[51] **Int.Cl. A47C 17/04 (2006.01) A47C 1/024 (2006.01) A47C 4/00 (2006.01) A47C 13/00 (2006.01)**
[25] EN
[54] **FURNITURE SYSTEM WITH RECLINING ASSEMBLY**
[54] **SYSTEME DE MOBILIER COMPRENANT ENSEMBLE D'INCLINAISON**
[72] NELSON, SHAWN D., US
[72] UNDERWOOD, DAVID M., US
[72] KUCHLER, BRIAN, US
[71] THE LOVESAC COMPANY, US
[85] 2018-05-15
[86] 2016-11-09 (PCT/US2016/061085)
[87] (WO2017/087224)
[30] US (62/257,623) 2015-11-19
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[54] **FUMAGILLOL DERIVATIVES AND POLYMORPHS THEREOF**
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[71] SYNDEVRX, INC., US
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[54] **BACTERIA ENGINEERED TO REDUCE HYPERPHENYLALANINEMIA**
[54] **BACTERIES GENETIQUEMENT MODIFIEES POUR REDUIRE L'HYPERPHENYLALANINEMIE**
[72] FALB, DEAN, US
[72] ISABELLA, VINCENT M., US
[72] KOTULA, JONATHAN W., US
[72] MILLER, PAUL F., US
[72] ROWE, SARAH, US
[72] MILLET, YVES, US
[71] SYNLOGIC OPERATING COMPANY, INC., US
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[54] **METHODS AND SYSTEMS FOR CONTAINER FULLNESS ESTIMATION**
[54] **PROCEDES ET SYSTEMES D'ESTIMATION DE REMPLISSAGE DE CONTENEUR**
[72] ZHANG, YAN, US
[72] WILLIAMS, JAY J., US
[72] O'CONNELL, KEVIN J., US
[72] TASKIRAN, CUNEYT M., US
[71] SYMBOL TECHNOLOGIES, LLC, US
[85] 2018-05-15
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[54] **METHODS AND KITS FOR REDUCING ADAPTER-DIMER FORMATION**
[54] **METHODES ET TROUSSES POUR LA REDUCTION DE LA FORMATION D'UN DIMERE ADAPTATEUR**
[72] TOLOUE, MASOUD, US
[72] MORRIS, ADAM, US
[72] ALLEN, KEVIN, US
[71] BIOO SCIENTIFIC CORPORATION, US
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[54] **WET/DRY ANIMAL FEEDER**
[54] **DISPOSITIF D'ALIMENTATION HUMIDE OU SECHE POUR ANIMAUX**
[72] ZIMMERMAN, AUSTIN DEAN, US
[71] THE GSI GROUP LLC, US
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[25] EN
[54] **ELECTRONIC FURNITURE SYSTEMS WITH INTEGRATED INTERNAL SPEAKERS**
[54] **SYSTEMES DE MEUBLES ELECTRONIQUES AVEC HAUT-PARLEURS INTERNES INTEGRES**
[72] NELSON, SHAWN D., US
[72] UNDERWOOD, DAVID M., US
[72] KUCHLER, BRIAN, US
[72] COWAN, DAVID M., US
[72] GALLO, ANTHONY, US
[71] THE LOVESAC COMPANY, US
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[86] 2016-11-11 (PCT/US2016/061491)
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[30] US (62/257,623) 2015-11-19
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[54] **SYSTEMS AND METHODS FOR AUDIO SCENE GENERATION BY EFFECTING SPATIAL AND TEMPORAL CONTROL OF THE VIBRATIONS OF A PANEL**
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE GENERATION DE SCENE AUDIO EN EFFECTUANT UNE REGULATION SPATIALE ET TEMPORELLE DES VIBRATIONS D'UN PANNEAU**
[72] BOCKO, MARK F., US
[71] THE UNIVERSITY OF ROCHESTER, US
[85] 2018-05-15
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[54] **COMPOSITIONS OF NANOPARTICLES WITH RADIAL GRADIENTS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE NANOPARTICULES A GRADIENTS RADIAUX ET PROCEDES D'UTILISATION**
[72] MAYE, MATHEW, US
[71] SYRACUSE UNIVERSITY, US
[85] 2018-05-15
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[54] **FUNCTIONAL EXPRESSION OF MONOOXYGENASES AND METHODS OF USE**
[54] **EXPRESSION FONCTIONNELLE DE MONOOXYGENASES ET PROCEDES D'UTILISATION**
[72] CLARKE, ELIZABETH JANE, US
[72] ZHU, BAOLONG, US
[72] GREENFIELD, DEREK LORIN, US
[72] JONES, STEPHANIE RHIANON, US
[72] HELMAN, NOAH CHARLES, US
[71] INDUSTRIAL MICROBES, INC., US
[85] 2018-05-15
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[54] **ELECTRICAL HUB FOR FURNITURE ASSEMBLIES**
[54] **MOYEU ELECTRIQUE POUR ENSEMBLES DE MEUBLES**
[72] NELSON, SHAWN D., US
[72] UNDERWOOD, DAVID M., US
[72] KUCHLER, BRIAN, US
[72] COWAN, DAVID M., US
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[54] **SYSTEMS AND METHODS FOR IN-SESSION REFRESH OF ENTITLEMENTS ASSOCIATED WITH WEB APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE RAFRAICHISSEMENT EN COURS DE SESSION DES DROITS ASSOCIES A DES APPLICATIONS WEB**
[72] MITEVSKI, VLADIMIR, US
[71] NASDAQ, INC., US
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[54] **POST-FILTRAGE EN MOINDRES CARRES GLOBALEMENT OPTIMISE POUR AMELIORATION VOCALE**
[72] HUANG, YITENG, US
[72] LUEBS, ALEJANDRO, US
[72] SKOGLUND, JAN, US
[72] KLEIJN, WILLEM BASTIAAN, US
[71] GOOGLE LLC, US
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[54] **SELECTIVE HYDROGENATION USING A FLOW INDEX**
[54] **HYDROGENATION SELECTIVE A L'AIDE D'UN INDICE D'ECOULEMENT**
[72] BERGMEISTER, JOSEPH, III, US
[72] CHEUNG, TIN-TACK PETER, US
[72] ZONGXUAN, HONG, US
[72] ODI, TIMOTHY, US
[72] NOLIDIN, CHARLES, MY
[72] GONZALES, THOMAS, US
[72] NILL, JENNIFER, US
[72] DOCKTER, DAVID, US
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[54] **TUBULAR DELIVERY ARM FOR A DRILLING RIG**
[54] **BRAS DE DISTRIBUTION TUBULAIRE POUR APPAREIL DE FORAGE**
[72] ORR, MELVIN ALAN, US
[72] TREVITHICK, MARK W., US
[72] BERRY, JOE RODNEY, US
[72] METZ, ROBERT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **GRAIN DE RIZ A ALEURONE EPAISSIE**
[72] YU, RONALD CHUN WAI, AU
[72] HOWITT, CRISPIN ALEXANDER, AU
[72] LARKIN, PHILIP JOHN, AU
[72] LIU, CHUN-MING, AU
[72] WU, XIAO-BA, AU
[72] LIU, JINXIN, CN
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[71] INSTITUTE OF BOTANY, CHINESE ACADEMY OF SCIENCES, CN
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[54] **DIFFERENTIEL DE DIRECTION A RECUPERATION DE VEHICULE SUIVI**
[72] KERR, JOHN HUGH, CA
[71] KER-TRAIN HOLDINGS LTD., CA
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[54] **PULP LIFTER**
[54] **DISPOSITIF DE LEVAGE DE PATE A PAPIER**
[72] LATCHIREDDI, SANJEEVA, US
[72] LATCHIREDDI, SEETHAPATHI RAO, US
[71] EEMS HOLDING LLC, US
[85] 2018-05-15
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[54] **NOUVEAUX ANTICORPS ANTI-EMR2 ET METHODES D'UTILISATION ASSOCIEES**
[72] KARSUNKY, HOLGER, US
[72] FERNANDO, HANAN, US
[72] FRANKLIN, CASEY, US
[72] STULL, ROBERT A., US
[72] LIU, DAVID, US
[71] ABBVIE STEMCENTRX LLC, US
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[54] **QUINOLONE CHALCONE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE QUINOLONE CHALCONE ET LEURS UTILISATIONS**
[72] LEE, HOYUN, CA
[72] TRIVEDI, PIYUSH, IN
[72] KARTHIKEYAN, CHANDRABOSE, IN
[72] LINDAMULAGE, INDEEWARI KALHARI, CA
[71] LEE, HOYUN, CA
[71] TRIVEDI, PIYUSH, IN
[71] KARTHIKEYAN, CHANDRABOSE, IN
[71] LINDAMULAGE, INDEEWARI KALHARI, CA
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[54] **TOPICAL SKIN COMPOSITIONS HAVING PROTEINS AND METHODS OF USE**
[54] **COMPOSITIONS TOPIQUES POUR LA PEAU COMPORTANT DES PROTEINES ET PROCEDES D'UTILISATION**
[72] SHACKNAI, JONAH, US
[72] WORTZMAN, MITCHELL S., US
[72] MCDANIEL, DAVID H., US
[72] NEWHARD, STEVEN, US
[71] DERMAFORCE HOLDINGS, LLC, US
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[54] **ULTRASOUND RECEIVER CIRCUITRY AND RELATED APPARATUS AND METHODS**
[54] **ENSEMBLE DE CIRCUITS DE RECEPTEUR D'ULTRASONS AINSI QU'APPAREIL ET PROCEDES ASSOCIES**
[72] CHEN, KAILIANG, US
[72] FIFE, KEITH, G., US
[72] RALSTON, TYLER S., US
[72] SANCHEZ, NEVADA J., US
[72] CASPER, ANDREW J., US
[71] BUTTERFLY NETWORK, INC., US
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[25] EN
[54] **APPARATUS AND METHODS FOR CONTROLLING TISSUE OXYGENATION FOR WOUND HEALING AND PROMOTING TISSUE VIABILITY**
[54] **APPAREIL ET METHODES DE REGULATION DE L'OXYGENATION DES TISSUS POUR LA CICATRISATION DES PLAIES ET L'AMELIORATION DE LA VIABILITE DES TISSUS**
[72] WELLS, MICHAEL C., US
[72] PARKER, MARK, US
[72] CLARIUS, DANIEL J., US
[72] PARKER, ANDREW, US
[72] PUNDOLE, FARAIDOON, US
[72] WOODS, TOM, US
[72] NIEDERAUER, MARK, US
[72] DALEY, JAMES P., US
[71] ELECTROCHEMICAL OXYGEN CONCEPTS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR CORRECTION OF HERITABLE OCULAR DISEASE**
[54] **COMPOSITIONS ET PROCEDES DE CORRECTION DE MALADIE OCULAIRE HEREDITAIRE**
[72] MITCHELL, LLOYD G., US
[72] BENNETT, JEAN, US
[72] BENNICELLI, JEANNETTE, US
[72] DOOLEY, SCOTT J., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] MITCHELL, LLOYD G., US
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[54] **NOYAU ABSORBANT AVEC ADHESIF SANS AGENT POISSEUX**
[72] TURNER, ROBERT HAINES, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **SECURE LAYERED ENCRYPTION OF DATA STREAMS**
[54] **CHIFFREMENT EN COUCHE SECURISE DE FLUX DE DONNEES**
[72] RACZ, PIERRE, CA
[72] RIOUX, FREDERIC, CA
[71] GENETEC INC., CA
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[54] **SEPARATION ACOUSTIQUE PETROLE-EAU DE FOND DE TROU**
[72] ABDEL-FATTAH, AMR, SA
[72] ROTH, BRIAN A., SA
[72] BUSFAR, WESSAM A., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **DISPOSITIF POUR SCELLER DES CONDUITES**
[72] ODORI, MAURO, IT
[71] TDW DELAWARE, INC., US
[85] 2018-05-15
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[25] EN
[54] **FOAM DISPENSING SYSTEMS, PUMPS AND REFILL UNITS HAVING HIGH AIR TO LIQUID RATIOS**
[54] **SYSTEMES DE DISTRIBUTION DE MOUSSE, POMPES ET UNITES DE REMPLISSAGE A RAPPORTS AIR/LIQUIDE ELEVES**
[72] CIAVARELLA, NICK E., US
[72] TWAROSKI, JACOB, US
[72] JENKINS, DENNIS K., US
[71] GOJO INDUSTRIES, INC., US
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[30] US (62/293,931) 2016-02-11
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[54] **DISPOSITIF DE PROTECTION POUR PROTEGER LA SPHERE PRIVEE D'UNE PERSONNE**
[72] WEBER, RICARDA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **SINGLE VARIABLE DOMAIN T-CELL RECEPTORS**
[54] **RECEPTEUR DE LYMPHOCYTES T A DOMAINE VARIABLE UNIQUE**
[72] GALLO, MICHAEL LAJOS, CA
[72] KANG, JASPAL SINGH, CA
[72] PIGOTT, CRAIG ROBIN, CA
[72] CHAI, FALENE, CA
[72] LIN, ABBY, CA
[71] INNOVATIVE TARGETING SOLUTIONS INC., CA
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[13] A1
[51] **Int.Cl. C07K 1/18 (2006.01) C07K 1/16 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **OPPOSITE PH-SALT GRADIENTS FOR IMPROVED PROTEIN SEPARATIONS**
[54] **GRADIENTS DE SEL A PH OPPOSE POUR SEPARATIONS DE PROTEINES AMELIOREES**
[72] JOEHNCK, MATTHIAS, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-05-16
[86] 2016-10-28 (PCT/EP2016/001804)
[87] (WO2017/084738)
[30] EP (15195243.9) 2015-11-18

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[21] **3,005,485**
[13] A1
[51] **Int.Cl. E05F 11/38 (2006.01)**
[25] EN
[54] **DEVICE COMPRISING A PANE AND AT LEAST ONE LIFTING RAIL, METHOD FOR ITS PRODUCTION AND ITS USE**
[54] **DISPOSITIF, COMPORTANT UNE VITRE ET AU MOINS UN RAIL DE LEVAGE, PROCEDE DE FABRICATION ASSOCIE ET UTILISATION DU DISPOSITIF**
[72] KOTTE, ROLF, DE
[72] KLEYER, DIETER, DE
[72] LASIOTA, HEINRICH, DE
[72] WITTIG, ELKE, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-16
[86] 2016-10-28 (PCT/EP2016/076020)
[87] (WO2017/097495)
[30] EP (15198337.6) 2015-12-08

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[21] **3,005,486**
[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23D 9/00 (2006.01)**
[25] EN
[54] **LOW SATURATED FAT DIPPING COATING FOR FROZEN CONFECTION**
[54] **COMPOSITION DE REVETEMENT PAR TREMPAGE A FAIBLE TENEUR EN GRAISSE SATUREE POUR CONFISERIE CONGELEE**
[72] CHANDRASEKARAN, SHANTHA NALUR, US
[72] VILLACIS, MARIA FERNANDA, GB
[72] SMIRNOVA, OLGA, GB
[72] WEBERING, CHRISTEL, GB
[71] NESTEC S.A., CH
[85] 2018-05-16
[86] 2016-11-15 (PCT/EP2016/077633)
[87] (WO2017/089166)
[30] EP (15196796.5) 2015-11-27

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[13] A1
[51] **Int.Cl. B27N 1/00 (2006.01) B27N 3/12 (2006.01)**
[25] EN
[54] **OSB (ORIENTED STRAND BOARD) WOOD MATERIAL PANEL HAVING IMPROVED PROPERTIES AND METHOD FOR PRODUCING SAME**
[54] **PANNEAU A COPEAUX ORIENTES (OSB) EN MATERIAU DERIVE DU BOIS PRESENTANT DES PROPRIETES AMELIOREES ET PROCEDE DE FABRICATION ASSOCIE**
[72] KALWA, NORBERT, DE
[72] LEHNHOFF, INGO, DE
[71] SWISS KRONO TEC AG, CH
[85] 2018-05-16
[86] 2016-11-03 (PCT/EP2016/076565)
[87] (WO2017/084884)
[30] EP (15195141.5) 2015-11-18

[21] **3,005,489**
[13] A1
[51] **Int.Cl. A01N 47/36 (2006.01) A01N 43/22 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **PLANT GROWTH REGULATOR COMPOSITION HAVING SYNERGISTIC EFFECT**
[54] **COMPOSITION DE REGULATEUR DE CROISSANCE DE PLANTE A ACTION SYNERGIQUE**
[72] GU, GUOLIANG, CN
[72] ZHONG, HANGEN, CN
[72] JI, HONGJIN, CN
[72] ZHANG, JIE, CN
[72] TAI, SHAOJIE, CN
[71] JIANGSU HUIFENG BIO AGRICULTURE CO., LTD., CN
[85] 2018-05-16
[86] 2016-04-21 (PCT/CN2016/079851)
[87] (WO2017/084242)
[30] CN (201510797112.9) 2015-11-17

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[13] A1
[51] **Int.Cl. C07K 14/195 (2006.01) A23L 3/3463 (2006.01) A61K 38/16 (2006.01)**
[25] EN
[54] **BACTERIOCIN COMPOSITION AND METHOD**
[54] **COMPOSITION DE BACTERIOCINES ET PROCEDE ASSOCIE**
[72] DIEP, DZUNG, NO
[72] NES, INGOLF, NO
[72] MEHMETI, IBRAHIM, NO
[72] KIRIL, OCHINNIKOV, NO
[71] NORWEGIAN UNIVERSITY OF LIFE SCIENCES, NO
[85] 2018-05-16
[86] 2016-11-11 (PCT/EP2016/077497)
[87] (WO2017/084985)
[30] GB (1520255.9) 2015-11-17

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[21] **3,005,491**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **BINDING AGONISTS FOR TREATMENT OF NEUROLOGICAL AND OTHER DISORDERS**
[54] **AGONISTES DE LIAISON UTILISES POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET D'AUTRES TROUBLES**
[72] BHINDER, TEJINDER KAUR, GB
[72] DING, CHONG, CN
[72] FENG, XU, CN
[72] JIANG, WENQING, CN
[72] LEWIS, ALAN PETER, GB
[72] MA, YINGLI, CN
[72] NAGAPPAN, GUHAN, CN
[72] PARMAR, RADHA SHAH, GB
[72] QIU, YANGSHENG, CN
[72] YANG, LIUQING, CN
[72] ZHANG, QING, CN
[72] ZHOU, YANJIAO, CN
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-05-16
[86] 2016-11-15 (PCT/EP2016/077644)
[87] (WO2017/085035)
[30] CN (PCT/CN2015/094779) 2015-11-17
[30] CN (PCT/CN2016/095545) 2016-08-16
[30] GB (1618814.6) 2016-11-08

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MICROGLIA MICROVESICLES CONTAINED MICRORNA-BASED METHODS FOR THE DIAGNOSIS, PROGNOSIS AND TREATMENT MONITORING OF NEUROLOGICAL, NEURODEGENERATIVE AND INFLAMMATION-BASED DISEASES**
[54] **PROCEDES A BASE DE MICROARN CONTENU DANS DES MICROVESICULES MICROGLIALES POUR LE DIAGNOSTIC, LE PRONOSTIC ET LE SUIVI DU TRAITEMENT DE MALADIES NEUROLOGIQUES, NEURODEGENERATIVES ET INFLAMMATOIRES**
[72] BIANCO, FABIO, IT
[72] TONNA, NOEMI, IT
[71] BRAINDTECH S.R.L., IT
[85] 2018-05-16
[86] 2016-11-18 (PCT/EP2016/078190)
[87] (WO2017/085287)
[30] IT (102015000074820) 2015-11-20

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[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23D 9/00 (2006.01)**
[25] EN
[54] **LOW SATURATED FAT BLEND FOR USE FOR MOISTURE BARRIER COATING IN FROZEN CONFECTION**
[54] **MELANGE A FAIBLE TENEUR EN GRAISSE SATUREE DESTINE A ETRE UTILISE DANS UN ENROBAGE DE PROTECTION CONTRE L'HUMIDITE D'UNE CONFISERIE CONGELEE**
[72] CHANDRASEKARAN, SHANTHA NALUR, US
[72] VILLACIS, MARIA FERNANDA, GB
[71] NESTEC S.A., CH
[85] 2018-05-16
[86] 2016-11-15 (PCT/EP2016/077630)
[87] (WO2017/089165)
[30] EP (15196790.8) 2015-11-27

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/501 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE 1,3,4-THIADIAZOLE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] NISSINK, JOHANNES WILHELMUS MARIA, GB
[72] CHARLES, MARK DAVID, GB
[71] ASTRAZENECA AB, SE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2018-05-16
[86] 2016-11-30 (PCT/EP2016/079250)
[87] (WO2017/093299)
[30] US (62/260,789) 2015-11-30

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 14/39 (2006.01) C07K 16/14 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MULTISPECIFIC ANTIBODIES**
[54] **ANTICORPS MULTISPECIFIQUES**
[72] WRIGHT, MICHAEL JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-05-16
[86] 2016-12-01 (PCT/EP2016/079435)
[87] (WO2017/093406)
[30] GB (1521393.7) 2015-12-03

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[13] A1
[51] **Int.Cl. B65D 85/10 (2006.01) B65D 81/24 (2006.01) B65D 83/02 (2006.01)**
[25] EN
[54] **SEALED CONTAINER FOR DISPENSING CONSUMER GOODS**
[54] **RECIPIENT SCELLE POUR DISTRIBUER DES PRODUITS POUR CONSOMMATEURS**
[72] BATISTA, RUI, CH
[72] HEDARCHET, STEPHANE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
[86] 2016-12-19 (PCT/EP2016/081794)
[87] (WO2017/108716)
[30] EP (15202505.2) 2015-12-23

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[13] A1
[51] **Int.Cl. F16L 55/32 (2006.01) B60B 19/00 (2006.01) B62D 55/02 (2006.01) B62D 55/265 (2006.01)**
[25] EN
[54] **PIPELINE INSPECTION ROBOT**
[54] **ROBOT D'INSPECTION DE CONDUITE**
[72] CICHOSZ, RAFAL, GB
[72] WHITE, JOHN, GB
[72] PRICE, TOM, GB
[72] BARKER, CHRIS, GB
[71] NATIONAL GRID GAS PLC, GB
[85] 2018-05-16
[86] 2016-11-16 (PCT/EP2016/077861)
[87] (WO2017/085126)
[30] GB (1520462.1) 2015-11-20

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[13] A1
[51] **Int.Cl. C07H 1/00 (2006.01) C07D 317/30 (2006.01) C07H 5/04 (2006.01) C07H 7/027 (2006.01) C07H 9/04 (2006.01) C07H 13/00 (2006.01)**
[25] EN
[54] **NEW 5-AZIDO-5-DEOXY-2 :3-ISOPROPYLIDENE-D-ARABINOSE COMPOUNDS; THEIR METHOD OF MANUFACTURE AND THEIR USE FOR THE SYNTHESIS OF ARA-N3, KDO-N3 AND 4EKDO-N3**
[54] **NOUVEAUX COMPOSES DE 5-AZIDO-5-DESOXY-2:3-ISOPROPYLIDENE-D-ARABINOSE; LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR LA SYNTHESE D'ARA-N3, DE KDO-N3 ET DE 4EKDO-N3**
[72] VAUZEILLES, BORIS, FR
[72] MAS PONS, JORDI, ES
[72] BARON, AURELIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-05-16
[86] 2016-11-16 (PCT/EP2016/077900)
[87] (WO2017/085144)
[30] EP (15306824.2) 2015-11-17

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/00 (2016.01) G02B 21/00 (2006.01)**
[25] EN
[54] **OPTICAL TRACKING**
[54] **PROCEDE ET SYSTEME DE SUIVI OPTIQUE**
[72] STOPP, SEBASTIAN, DE
[72] MANUS, JOHANNES, DE
[72] FLOSSMANN, SVEN, DE
[72] PREGLER, MARTIN, DE
[72] MEZGER, ULI, DE
[71] BRAINLAB AG, DE
[85] 2018-05-16
[86] 2017-03-09 (PCT/EP2017/055584)
[87] (WO2017/157763)
[30] EP (PCT/EP2016/055816) 2016-03-17

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[21] **3,005,503**
[13] A1
[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] FR
[54] **TRAPPE AMOVIBLE DE FERMETURE D'UN EMPLACEMENT ADAPTE POUR RECEVOIR AU MOINS UNE BATTERIE D'UN DISPOSITIF ELECTRONIQUE ET DISPOSITIF ELECTRONIQUE CORRESPONDANT**
[54] **REMOVABLE FLAP FOR CLOSING A LOCATION SUITED TO RECEIVING AT LEAST ONE BATTERY OF AN ELECTRONIC DEVICE AND CORRESPONDING ELECTRONIC DEVICE**
[72] FROMENT, MARION, FR
[71] INGENICO GROUP, FR
[85] 2018-05-16
[86] 2016-11-24 (PCT/EP2016/078733)
[87] (WO2017/089493)
[30] FR (1561511) 2015-11-27

[21] **3,005,506**
[13] A1
[51] **Int.Cl. G01N 33/531 (2006.01)**
[25] EN
[54] **PREPARATION OF BIOCONJUGATES AND ANTIBODIES FOR THE IMMUNODETECTION OF ANATOXIN-A**
[54] **PREPARATION DE BIOCONJUGUES ET D'ANTICORPS POUR L'IMMUNODETECTION D'ANATOXINE A**
[72] ABAD FUENTES, ANTONIO, ES
[72] MERCADER BADIA, JOSEP VICENT, ES
[72] ABAD SOMOVILLA, ANTONIO, ES
[72] AGULLO BLANES, CONSUELO, ES
[72] QUINONES REYES, GUILLERMO, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
[71] UNIVERSITAT DE VALENCIA, ES
[85] 2018-05-16
[86] 2016-09-21 (PCT/ES2016/070656)
[87] (WO2017/085339)
[30] ES (P201531661) 2015-11-17

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[21] **3,005,508**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **FLEXIBLE AEROSOL-GENERATING DEVICES**
[54] **DISPOSITIFS DE PRODUCTION D'AEROSOL FLEXIBLES**
[72] BATISTA, RUI NUNO, CH
[72] HEDARCHET, STEPHANE ANTONY, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
[86] 2016-12-09 (PCT/EP2016/080478)
[87] (WO2017/108452)
[30] EP (15202727.2) 2015-12-24

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[21] **3,005,510**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01)**
[25] EN
[54] **HEATABLE LAMINATED GLASS HAVING A THIN INNER PANE AND A THIN OUTER PANE**
[54] **VERRE COMPOSITE CHAUFFABLE POURVU D'UNE VITRE INTERNE MINCE ET D'UNE VITRE EXTERNE MINCE**
[72] SCHALL, GUNTHER, DE
[72] SCHULZ, VALENTIN, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-16
[86] 2016-12-15 (PCT/EP2016/081323)
[87] (WO2017/103032)
[30] EP (15200334.9) 2015-12-16

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[21] **3,005,511**
[13] A1
[51] **Int.Cl. F02D 41/18 (2006.01) F02D 19/06 (2006.01) F02D 41/00 (2006.01)**
[25] EN
[54] **A MULTI-FUEL ENGINE AND METHOD OF CONTROLLING THE SAME**
[54] **MOTEUR POLYCARBURANT ET SON PROCEDE DE COMMANDE**
[72] FINN, PAUL, GB
[72] WADE, PAM, GB
[72] BOWER, PETER, GB
[72] CURRY, NEIL, GB
[71] FINN ASSOCIATES (BUSINESSCARE) LIMITED, GB
[71] MERLIN FUEL TECHNOLOGY LIMITED, GB
[85] 2018-05-16
[86] 2016-10-10 (PCT/GB2016/053144)
[87] (WO2017/093706)
[30] GB (1521071.9) 2015-11-30

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[21] **3,005,512**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM AND AN AEROSOL-GENERATING SYSTEM COMPRISING A CARTRIDGE**
[54] **CARTOUCHE POUR UN SYSTEME DE GENERATION D'AEROSOL ET SYSTEME DE GENERATION D'AEROSOL COMPRENANT UNE CARTOUCHE**
[72] FARINE, MARIE, CH
[72] SILVESTRINI, PATRICK CHARLES, CH
[72] WALLER, JUDITH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-16
[86] 2016-12-21 (PCT/EP2016/082237)
[87] (WO2017/108991)
[30] EP (15202213.3) 2015-12-22

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[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A61K 39/08 (2006.01) A61P 11/06 (2006.01) A61P 19/00 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] MULDER, IMKE ELISABETH, GB
[72] HOLT, AMY BETH, GB
[72] MCCLUSKEY, SEANIN MARIE, GB
[72] LENNON, GRAINNE CLARE, GB
[72] AHMED, SUAAD, GB
[71] 4D PHARMA RESEARCH LIMITED, GB
[85] 2018-05-16
[86] 2016-11-23 (PCT/GB2016/053676)
[87] (WO2017/089794)
[30] GB (1520631.1) 2015-11-23

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[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/506 (2006.01) A61K 31/53 (2006.01) A61P 31/14 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC INDOLES FOR USE IN INFLUENZA VIRUS INFECTION**
[54] **INDOLES HETEROCYCLIQUES A UTILISER DANS UNE INFECTION A VIRUS INFLUENZA**
[72] JONCKERS, TIM HUGO MARIA, BE
[72] MC GOWAN, DAVID CRAIG, BE
[72] GUILLEMONT, JEROME EMILE GEORGES, FR
[72] COOYMANS, LUDWIG PAUL, BE
[72] EMBRECHTS, WERNER CONSTANT JOHAN, BE
[72] BUYCK, CHRISTOPHE FRANCIS ROBERT NESTOR, BE
[72] BALEMANS, WENDY MIA ALBERT, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2018-05-16
[86] 2016-11-25 (PCT/EP2016/078778)
[87] (WO2017/089518)
[30] EP (15196811.2) 2015-11-27

[21] **3,005,515**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO SUBSTRATES FOR THE ATTACHMENT OF MOLECULES**
[54] **AMELIORATIONS RELATIVES A DES SUBSTRATS POUR LA FIXATION DE MOLECULES**
[72] FITZGERALD, PETER, GB
[72] LAMONT, JOHN, GB
[72] MCCONNELL, IVAN, GB
[72] BENCHIKH, ELOUARD, GB
[72] UPADHYAY, DEEPESH, GB
[72] RICHARDSON, CIARAN, IE
[71] RANDOX LABORATORIES LTD, GB
[71] RANDOX TEORANTA, IE
[85] 2018-05-16
[86] 2016-11-18 (PCT/GB2016/053608)
[87] (WO2017/085509)
[30] GB (1520341.7) 2015-11-18

[21] **3,005,516**
[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/501 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE 1,3,4-THIADIAZOLE ET LEUR UTILISATION POUR TRAITER LE CANCER**
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] NISSINK, JOHANNES WILHELMUS MARIA, GB
[72] CHARLES, MARK DAVID, GB
[72] WOOD, JAMES MATTHEW, GB
[71] ASTRAZENECA AB, SE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2018-05-16
[86] 2016-11-30 (PCT/EP2016/079251)
[87] (WO2017/093300)
[30] US (62/260787) 2015-11-30

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/433 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE 1,3,4-THIADIAZOLE ET LEUR UTILISATION POUR TRAITER LE CANCER**
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] PERKINS, DAVID ROBERT, GB
[72] NISSINK, JOHANNES WILHELMUS MARIA, GB
[72] RAUBO, PIOTR ANTONI, GB
[72] SMITH, PETER DUNCAN, GB
[72] BAILEY, ANDREW, GB
[71] ASTRAZENECA AB, SE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2018-05-16
[86] 2016-11-30 (PCT/EP2016/079253)
[87] (WO2017/093301)
[30] US (62/260784) 2015-11-30

[21] **3,005,518**
[13] A1
[51] **Int.Cl. A61K 35/744 (2015.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING BACTERIAL STRAINS**
[54] **COMPOSITIONS COMPRENANT DES SOUCHES BACTERIENNES**
[72] MULDER, IMKE ELISABETH, GB
[72] HOLT, AMY BETH, GB
[72] MCCLUSKEY, SEANIN MARIE, GB
[72] LENNON, GRAINNE CLARE, GB
[72] AHMED, SUAAD, GB
[71] 4D PHARMA RESEARCH LIMITED, GB
[85] 2018-05-16
[86] 2016-11-21 (PCT/GB2016/053620)
[87] (WO2017/085518)
[30] GB (1520497.7) 2015-11-20

[21] **3,005,519**
[13] A1
[51] **Int.Cl. F16L 5/04 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **INORGANIC FIRE PROTECTION AND INSULATION FOAM AND USE THEREOF**
[54] **MOUSSE IGNIFUGE ET ISOLANTE A BASE ORGANIQUE ET SON UTILISATION**
[72] KLUJ, ESTHER RAHEL, DE
[72] SIMON, SEBASTIAN, DE
[72] PAETOW, MARIO, DE
[72] JEROMENOK, JEKATERINA, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-05-16
[86] 2016-12-01 (PCT/EP2016/079424)
[87] (WO2017/093398)
[30] EP (15197813.7) 2015-12-03

[21] **3,005,520**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/24 (2006.01) A61K 8/362 (2006.01) A61K 8/60 (2006.01) A61K 9/20 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSITION**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] BIRD, ROWENA JACQUELINE, GB
[72] AMBROSEN, HELEN, GB
[71] COSMETIC WARRIORS LIMITED, GB
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[54] **COMPOSITIONS IMMUNOGENES DESTINEES A ETRE UTILISEES DANS DES VACCINS PNEUMOCOCCIQUES**
[72] LIN, FIONA LAICHU, US
[72] PAVLIAK, VILIAM, US
[72] PRIDE, MICHAEL WILLIAM, US
[72] SEBASTIAN, SHITE, US
[71] PFIZER INC., US
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[54] **POINTS D'ACCES PAR SATELLITE RECONFIGURABLES ET SITES D'ACCES PAR SATELLITE**
[72] CLEMMENSEN, DANIEL, US
[72] WYLER, GREGORY THANE, US
[71] WORLDVU SATELLITES LIMITED, US
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[54] **SYSTEME DE CAPTURE DU CO2 PROVENANT D'UNE PILE A COMBUSTIBLE**
[72] JAHNKE, FRED C., US
[71] FUELCELL ENERGY, INC., US
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[54] **METHOD AND DEVICE FOR CONTROLLING PHOTOVOLTAIC AIR CONDITIONING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'UN SYSTEME DE CLIMATISATION PHOTOVOLTAIQUE**
[72] DONG, MINGZHU, CN
[72] ZHAO, ZHIGANG, CN
[72] JIANG, SHIYONG, CN
[72] FENG, CHONGYANG, CN
[72] SONG, JIANGXI, CN
[72] ZHANG, XUEFEN, CN
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[54] **CAPTEUR POUR DETERMINER UN ANGLE DE ROTATION**
[72] DABSCH, ALEXANDER, AT
[72] KEPLINGER, FRANZ, AT
[72] KAINZ, ANDREAS, AT
[71] TECHNISCHE UNIVERSITAT WIEN, AT
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[72] SARPOUSHAN, DINA, CA
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[25] EN
[54] **ABSORBENT PAPER PRODUCTS HAVING UNIQUE PHYSICAL STRENGTH PROPERTIES**
[54] **PRODUITS DE PAPIER ABSORBANT AYANT DES PROPRIETES DE RESISTANCE PHYSIQUE UNIQUES**
[72] ZIEGENBEIN, TOBIAS, CA
[71] MERCER INTERNATIONAL INC., CA
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[54] **ABSORBENT PAPER PRODUCTS HAVING UNIQUE PHYSICAL STRENGTH PROPERTIES**
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[71] MERCER INTERNATIONAL INC., CA
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[54] **TISSUS TEXTILES CONSOLIDES PAR LIAISON ET METHODE DE FABRICATION ET UTILISATION ASSOCIEE**
[72] GROH, WERNER, DE
[72] FRICK, AGNES, DE
[71] JOHNS MANVILLE, US
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[54] **DENTAL AMALGAM SEPARATION AND RECYCLING SYSTEM**
[54] **SEPARATION D'AMALGAME DENTAIRE ET SYSTEME DE RECYCLAGE**
[72] MOZZICATA, NICHOLAS, US
[72] TOOLE, MICHAEL, US
[72] SCHOFIELD, ROBIN, US
[72] GOULSTON, RICHARD, US
[71] SOLMETEX, LLC, US
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[54] **APPAREIL DE TRAITEMENT D'UNE SURFACE ET VEHICULE ASSOCIE**
[72] LOGAN, ADAM GARVEY, US
[71] FORJAK INDUSTRIAL, INC., US
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[54] **SINGLE SERVE CAPSULE HAVING A LIQUID DISTRIBUTOR**
[54] **CAPSULE DE DOSAGE POURVUE D'UN DISTRIBUTEUR DE LIQUIDE**
[72] EMPL, GUNTER, DE
[72] KRUGER, MARC, DE
[71] K-FEE SYSTEM GMBH, DE
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[54] **DEFLECTEUR DE FILM SOUPLE DANS UN BIOREACTEUR A USAGE UNIQUE**
[72] DER, KARA, US
[72] HANSEN, ANNE, US
[72] MCSWEENEY, JAMES, US
[72] KRAUS, DAVID, US
[72] PEARSONS, JEFFREY, US
[72] WOOD, AMY, US
[71] EMD MILLIPORE CORPORATION, US
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[54] **NANOCATALYSEUR DE FER HAUTEMENT ACTIF POUR L'ABSORPTION DE SULFURE D'HYDROGENE**
[72] IRURZUN, VERONICA M., US
[72] FARHA, FLOYD E., US
[71] NEW TECHNOLOGY VENTURES, INC., US
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[54] **DISPOSITIF D'ALIMENTATION EN LIQUIDE POUR GENERER DES GOUTTELETTES**
[72] GEBHARD, THOMAS, DE
[72] KAISER, ROLAND, DE
[72] LUY, BERNHARD, DE
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
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[54] **IMPROVED BLOW MOLDED RECTANGULAR CONTAINER**
[54] **RECEPTACLE RECTANGULAIRE MOULE PAR SOUFFLAGE PERFECTIONNE**
[72] GILL, MATTHEW T., US
[72] ROUBAL, EDWARD J., III, US
[72] PRITCHETT, RAYMOND A., JR., US
[72] TAYLOR, LARRY M., US
[72] SNYDER, JEFFREY, US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **DYNAMIC DUTY-CYCLING OF PROCESSOR OF MOBILE DEVICE BASED ON OPERATING CONDITION OF MOBILE DEVICE**
[54] **PROCEDE POUR L'EXECUTION D'UN CYCLE DE SERVICE DYNAMIQUE SUR LE PROCESSEUR D'UN DISPOSITIF MOBILE EN FONCTION DE LA CONDITION OPERATIONNELLE DU DISPOSITIF MOBILE**
[72] PAPAKIPOS, MATTHEW NICHOLAS, US
[72] PROCTOR, IAIN ANDREW RUSSELL, US
[71] FACEBOOK, INC., US
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[54] **METHODS, COMPOSITIONS, AND KITS FOR TREATING PAIN AND PRURITIS**
[54] **METHODES, COMPOSITIONS ET TROUSSES DESTINEES AU TRAITEMENT DE LA DOULEUR ET DU PRURIT**
[72] BEAN, BRUCE P., US
[72] WOOLF, CLIFFORD J., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[54] **CIRCUMFERENTIAL STIFFENERS FOR COMPOSITE FANCASES**
[54] **RAIDISSEURS PERIPHERIQUES POUR ENCEINTES DE VENTILATEUR COMPOSITES**
[72] GOERING, JONATHAN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **SYSTEME DE VERROU A BASCULE POUR FENETRE**
[72] BARTON, MICHAEL A., US
[72] LIEBEL, GORDON H., US
[72] BACZUK, ERIC A., US
[71] MILGARD MANUFACTURING INCORPORATED, US
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[54] **BLOOD COLLECTION ASSEMBLY HAVING A MULTI-FUNCTION SHIELD**
[54] **ENSEMBLE POUR PRELEVEMENT SANGUIN AYANT UNE PROTECTION MULTIFONCTION**
[72] SIM, LEE HOONG, SG
[72] SIM, TIONG YEE, MY
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **COMPOUNDING SYSTEMS AND METHODS FOR SAFE MEDICAMENT TRANSPORT**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MELANGER ET DE TRANSPORTER UN MEDICAMENT EN TOUTE SECURITE**
[72] GARFIELD, JARED, US
[72] LYON, GREGORY, US
[71] J&J SOLUTIONS, INC. D.B.A CORVIDA MEDICAL, US
[22] 2014-08-04
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[54] **APPAREIL DE REVETEMENT**
[72] BAMFORD, BRAD, CA
[71] AUTOMATIC COATING LIMITED, CA
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[54] **SELECTION AUTOMATIQUE DE MICROORGANISMES ET IDENTIFICATION A L'AIDE D'UNE DILAM**
[72] BOTMA, JETZE, NL
[72] KLEEFSTRA, MARTIJN, NL
[72] VAN DER ZEE, TINO WALTER, NL
[71] BD KIESTRA B.V., NL
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[54] **APPARATUS AND METHOD FOR GENERATING NITRIC OXIDE IN CONTROLLED AND ACCURATE AMOUNTS**
[54] **APPAREIL ET METHODE DE PRODUCTION D'OXYDE NITRIQUE EN QUANTITES CONTROLEES ET PRECISES**
[72] MONTGOMERY, FREDERICK JOHN, US
[72] CASPER, CORY, US
[72] BATHE, DUNCAN P. L., US
[72] GRIBB, TYE, US
[71] NITRICGEN, INC., US
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[54] **CODON-OPTIMIZED FACTOR VIII VARIANTS**
[54] **VARIANTS DE FACTEUR V11 A FACTEUR OPTIMISE PAR CODON**
[72] GRAY, JOHN, US
[72] DAVIDOFF, ANDREW, US
[72] MCVEY, JOHN, GB
[72] TUDDENHAM, EDWARD, GB
[72] THRASHER, ADRIAN, GB
[72] WARD, NATALIE, GB
[72] NATHWANI, AMIT, GB
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, US
[71] THROMBOSIS RESEARCH INSTITUTE, GB
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[54] **CASSETTES D'EXPRESSION ISSUES DU MAIS**
[72] NUCCIO, MICHAEL L., US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **COUCHE RESEAU EFFICACE POUR PROTOCOLE IPV6**
[72] ERICKSON, GRANT M., US
[72] BOROSS, CHRISTOPHER A., US
[71] GOOGLE LLC, US
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[54] **SYSTEME DE REGULATION DE PRESSION ET PROCEDE POUR UN SEMOIR AGRICOLE**
[72] BECK, MICHAEL M., US
[72] BRINKLEY, JERRY L., US
[72] BUELOW, JONATHAN L., US
[72] STEFFENSEN, DARWIN L., US
[71] CNH INDUSTRIAL AMERICA LLC, US
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[54] **ELEMENTS DE REGULATION DES PLANTES ET LEURS UTILISATIONS**
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[71] MONSANTO TECHNOLOGY LLC, US
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[71] MONSANTO TECHNOLOGY LLC, US
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[54] **REPERAGE D'EMPLACEMENT D'UN TELEPHONE MOBILE EN VUE D'ETABLIR DES REGLES DE TRANSFERT D'APPELS ENTRANTS FONDEES SUR L'EMPLACEMENT**
[72] MCCOMB, RUSSELL D., US
[72] ABNETT, CHRISTOPHER, US
[72] MACMILLAN, ANDREW T., CA
[71] INNACLOUD TECHNOLOGIES LLC., US
[22] 2014-11-26
[41] 2015-06-02
[62] 2,872,387
[30] US (61/910,858) 2013-12-02
[30] US (61/952,088) 2014-03-12

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[21] **3,004,088**
[13] A1
[51] **Int.Cl. C12P 7/64 (2006.01) A23D 9/00 (2006.01) C11B 3/02 (2006.01) C12N 9/16 (2006.01) C12P 17/18 (2006.01)**
[25] EN
[54] **PROCESS**
[54] **PROCEDE**
[72] SOE, JORN BORCH, DK
[72] JORGENSEN, TINA LILLAN, DK
[72] LAURIDSEN, LENE, DK
[72] MIKKELSEN, RENE, DK
[72] BRUNSTEDT, JANNE, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[22] 2012-02-16
[41] 2012-08-30
[62] 2,825,632
[30] US (61/445,665) 2011-02-23

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[21] **3,004,222**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) G01S 13/74 (2006.01)**
[25] EN
[54] **RFID SWITCH TAG**
[54] **ETIQUETTE DE COMMUTATEUR D'IDENTIFICATION PAR RADIOFREQUENCE (RFID)**
[72] MULLIS, JOE, US
[72] NYALAMADUGU, SHESHI, US
[71] NEOLOGY, INC., US
[22] 2012-05-04
[41] 2012-11-15
[62] 2,834,276
[30] US (61/483,586) 2011-05-06
[30] US (61/487,372) 2011-05-18

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[21] **3,004,231**
[13] A1
[51] **Int.Cl. H04N 21/4725 (2011.01) H04N 21/431 (2011.01) H04N 21/84 (2011.01)**
[25] EN
[54] **ENHANCING VIDEO CONTENT WITH EXTRINSIC DATA**
[54] **AMELIORATION D'UN CONTENU VIDEO A L'AIDE DE DONNEES EXTRINSEQUES**
[72] TIMMERMAN, JORDAN M., US
[72] ALIVERTI, BRENT D., US
[72] BRAHMBHATT, KINTAN D., US
[72] CARLSON, ADAM, US
[72] DANTZLER, JIM L., US
[72] TREDER, DOUGLAS M., US
[72] WILSON, BRIAN M., US
[72] YOUNG, KELVIN C., US
[72] WYMAN, MICHAEL JOHN, US
[71] AMAZON TECHNOLOGIES, INC., US
[71] IMDB.COM, INC., US
[22] 2013-08-30
[41] 2014-03-06
[62] 2,882,899
[30] US (13/601,267) 2012-08-31

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[21] **3,004,238**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/10 (2006.01)**
[25] EN
[54] **CAPSULE MACHINE AND COMPONENTS**
[54] **MACHINE A DOSETTES ET COMPOSANTS**
[72] TROMBETTA, LIBERATORE, CA
[72] FU, YUCHENG, CA
[72] HANNESON, SCOTT, CA
[71] 2266170 ONTARIO INC., CA
[22] 2015-11-24
[41] 2016-06-02
[62] 2,961,459
[30] US (62/083,474) 2014-11-24

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[21] **3,004,239**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/28 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **FLEET MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE FLOTTE**
[72] WELLMAN, TIMOTHY A., US
[72] WINNER, DEAN E., US
[71] CROWN EQUIPMENT CORPORATION, US
[22] 2007-12-13
[41] 2008-06-19
[62] 2,672,471
[30] US (60/869,845) 2006-12-13

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[21] **3,004,263**
[13] A1
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/32 (2006.01) H04L 12/42 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **VIRTUAL CURRENCY SYSTEM**
[54] **SYSTEME MONETAIRE VIRTUEL**
[72] MACGREGOR, ROBERT SCOTT, CA
[72] ONG, MILAGRINO JOSE C., CA
[71] NCHAIN HOLDINGS LIMITED, CA
[22] 2015-03-18
[41] 2015-09-24
[62] 2,943,230
[30] US (14/218,781) 2014-03-18
[30] US (14/218,776) 2014-03-18
[30] US (14/218,763) 2014-03-18

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[21] **3,004,266**
[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **VIRTUAL CURRENCY SYSTEM**
[54] **SYSTEME MONETAIRE VIRTUEL**
[72] MACGREGOR, ROBERT SCOTT, CA
[72] ONG, MILAGRINO JOSE C., CA
[71] NCHAIN HOLDINGS LIMITED, CA
[22] 2015-03-18
[41] 2015-09-24
[62] 2,943,230
[30] US (14/218,781) 2014-03-18
[30] US (14/218,776) 2014-03-18
[30] US (14/218,763) 2014-03-18

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[21] **3,004,277**
[13] A1
[51] **Int.Cl. A61B 34/30 (2016.01) A61B 17/00 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **ARTICULATED TOOL POSITIONER AND SYSTEM EMPLOYING SAME**
[54] **DISPOSITIF ARTICULE DE POSITIONNEMENT D'OUTIL ET SYSTEME L'UTILISANT**
[72] ROBERT, RENE, US
[72] ZITNICK, DAVID ALLEN, US
[72] CAMERON, PETER JOHN, US
[72] FARIA, LEONARD M., US
[72] BAJO, ANDREA, US
[71] TITAN MEDICAL INC., CA
[22] 2013-12-20
[41] 2014-12-24
[62] 2,913,943
[30] US (61/837,112) 2013-06-19

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[21] **3,004,287**
[13] A1
[51] **Int.Cl. H04L 27/38 (2006.01) H03M 13/11 (2006.01) H03M 13/27 (2006.01) H04L 1/24 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 34800 AND CODE RATE OF 5/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**
[54] **ENTRELACEUR DE BITS POUR MOT DE CODE DE VERIFICATION DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 ET UN TAUX DE CODE DE 5/15 ET MAPPAGE DE SYMBOLE 64, ET METHODE D'ENTRELACEMENT DE BITS ASSOCIEE**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2015-02-19
[41] 2015-08-20
[62] 2,882,457
[30] KR (10-2014-0019894) 2014-02-20
[30] KR (10-2014-0023601) 2014-02-27
[30] KR (10-2015-0009441) 2015-01-20

[21] **3,004,340**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04N 21/81 (2011.01) G06Q 30/00 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO PROVIDE VIDEO-BASED SEARCH RESULTS**
[54] **PROCEDE ET SYSTEME POUR FOURNIR DES RESULTATS DE RECHERCHE BASES SUR LA VIDEO**
[72] KAUSHAL, GOVIND, US
[72] DANDEKAR, JAI, US
[72] CHITTAR, NAREN, US
[72] KOPPAKA, BHANU, US
[72] SHEELEY, JOHN, US
[72] MACLAURIN, MATTHEW BRET, US
[71] EBAY INC., US
[22] 2012-12-29
[41] 2013-10-17
[62] 2,861,617
[30] US (61/623,822) 2012-04-13
[30] US (13/725,638) 2012-12-21

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[21] **3,004,426**
[13] A1
[51] **Int.Cl. H02N 11/00 (2006.01) E21B 41/00 (2006.01) H01L 35/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HAVESTING ENERGY DOWN-HOLE FROM AN ISOTHERMAL SEGMENT OF A WELLBORE**
[54] **SYSTEME ET PROCEDE POUR RECOLTER DE L'ENERGIE EN FOND DE TROU A PARTIR D'UN SEGMENT ISOTHERME D'UN PUITS DE FORAGE**
[72] NOUI-MEHIDI, MOHAMED NABIL, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[22] 2014-07-17
[41] 2015-01-29
[62] 2,918,968
[30] US (13/949,385) 2013-07-24

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[21] **3,004,441**
[13] A1
[51] **Int.Cl. C12N 15/54 (2006.01) C12N 15/113 (2010.01) C12N 9/10 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **MORTIERELLA ALPINA LYSOPHOSPHOLIPID ACYLTRANSFERASE**
[54] **LYSOPHOSPHOLIPIDE ACYLTRANFERASE ISSUE D'ALPINA MORTIERELLA**
[72] OCHIAI, MISA, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[22] 2010-03-25
[41] 2010-09-30
[62] 2,755,387
[30] JP (2009-076809) 2009-03-26

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[21] **3,004,548**
[13] A1
[51] **Int.Cl. E01H 10/00 (2006.01) B05C 19/04 (2006.01) B05C 19/06 (2006.01) E01C 19/20 (2006.01)**
[25] EN
[54] **SPREADER**
[54] **EPANDEUSE**
[72] WENDORFF, TERRY C., US
[72] KUECHLER, KEVIN J., US
[72] GAMBLE, ROBERT N., II, US
[72] BREHMER, JACOB R., US
[71] SNO-WAY INTERNATIONAL, INC., US
[22] 2017-06-09
[41] 2018-02-15
[62] 2,970,156
[30] US (15/237,442) 2016-08-15

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[21] **3,004,549**
[13] A1
[51] **Int.Cl. E06B 9/262 (2006.01) A47G 5/02 (2006.01) A47H 23/00 (2006.01) E06B 9/44 (2006.01)**
[25] EN
[54] **WINDOW COVERING**
[54] **COUVRE-FENETRES**
[72] LIN, TZONG-FU, US
[71] WHOLE SPACE INDUSTRIES LTD., CN
[22] 2011-12-01
[41] 2012-07-21
[62] 2,760,212
[30] US (13/010,846) 2011-01-21

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[21] **3,004,554**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) B60W 30/09 (2012.01) B60W 30/095 (2012.01) B60W 40/02 (2006.01) B66F 9/075 (2006.01) B66F 9/24 (2006.01)**
[25] EN
[54] **MULTIPLE ZONE SENSING FOR MATERIALS HANDLING VEHICLES**
[54] **DETECTIONS DE ZONES MULTIPLES POUR VEHICULES DE MANIPULATION DE MATERIAUX**
[72] ELSTON, EDWIN R., US
[72] SIEFRING, VERNON W., US
[72] JENSEN, ERIC L., US
[71] CROWN EQUIPMENT CORPORATION, US
[22] 2009-12-04
[41] 2010-06-10
[62] 2,743,706
[30] US (61/119,952) 2008-12-04
[30] US (61/222,632) 2009-07-02
[30] US (61/234,866) 2009-08-18

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[21] **3,004,573**
[13] A1
[51] **Int.Cl. E05B 65/10 (2006.01)**
[25] EN
[54] **EXIT DEVICE ASSEMBLY**
[54] **ENSEMBLE DISPOSITIF DE SORTIE**
[72] ARLINGHAUS, PAUL R., US
[72] SCHACHT, DAVID M., US
[72] COLEMAN, MICHAEL D., US
[72] SHAREEF, ABDUR RAHMAN, US
[72] PHILLIPS, MATTHEW A., US
[72] AUSTIN, MARLIN, US
[71] VON DUPRIN LLC, US
[22] 2012-08-23
[41] 2013-02-28
[62] 2,848,084
[30] US (61/526,595) 2011-08-23
[30] US (61/638,350) 2012-04-25

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[13] A1
[51] **Int.Cl. F21V 29/70 (2015.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LED LAMP WITH A FLEXIBLE HEAT SINK**
[54] **LAMPE DEL DOTEE D'UN PUITS THERMIQUE FLEXIBLE**
[72] ELWELL, JAMES P., US
[72] QUICK, TRENT, US
[72] XU, BAOZHOU, US
[71] PUTCO, INC., US
[22] 2017-10-06
[41] 2018-01-25
[62] 2,981,906
[30] US (15/720,517) 2017-09-29

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[21] **3,004,580**
[13] A1
[51] **Int.Cl. B62K 23/06 (2006.01) B62K 3/02 (2006.01)**
[25] EN
[54] **MOTORCYCLE CLUTCH HOLDING DEVICE**
[54] **DISPOSITIF DE RETENUE D'EMBRAYAGE DE MOTOCYCLETTE**
[72] ELWELL, JAMES P., US
[72] OTT, DAVID, US
[72] OTT, DIANE, US
[72] QUICK, TRENT, US
[72] WAGNER, JOHN, US
[72] ADAIR, PAUL THOMAS, US
[71] PUTCO, INC., US
[22] 2017-06-08
[41] 2018-01-18
[62] 2,970,176
[30] US (62/363,564) 2016-07-18
[30] US (15/422,712) 2017-02-02

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[13] A1
[51] **Int.Cl. C01B 32/00 (2017.01) C01B 32/05 (2017.01) C01B 32/15 (2017.01) C01B 32/184 (2017.01) C01B 32/26 (2017.01)**
[25] EN
[54] **PROCESS FOR PURE CARBON PRODUCTION, COMPOSITIONS, AND METHODS THEREOF**
[54] **PROCEDE POUR LA PRODUCTION DE CARBONE PUR, COMPOSITIONS ET PROCEDES POUR CECI**
[72] STILLER, ALFRED, US
[71] WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION, US
[22] 2014-03-14
[41] 2014-09-18
[62] 2,905,499
[30] US (61/798,198) 2013-03-15

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[21] **3,004,635**
[13] A1
[51] **Int.Cl. F16L 25/00 (2006.01) B23K 37/053 (2006.01) F16L 13/02 (2006.01) F16L 39/00 (2006.01) F16L 58/06 (2006.01) F16L 58/10 (2006.01) F16L 58/18 (2006.01)**
[25] EN
[54] **JOINT LOCK RING SYSTEM FOR LINED PIPE**
[54] **SYSTEME D'ANNEAUX DE BLOCAGE D'ARTICULATION DESTINE A UN TUYAU DOUBLE**
[72] RABER, ROBERT P., US
[71] IMPERIAL PIPE, INC., US
[22] 2014-03-11
[41] 2014-10-09
[62] 2,904,609
[30] US (61/775,749) 2013-03-11

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[21] **3,004,695**
[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 47/68 (2017.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 14/71 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **TARGETED/IMMUNOMODULATORY FUSION PROTEINS AND METHODS FOR MAKING SAME**
[54] **PROTEINES DE FUSION CIBLEES/IMMUNOMODULATRICES ET LEURS PROCEDES DE FABRICATION**
[72] GOVINDAPPA, NAGARAJ, IN
[72] SASTRY, KEDARNATH, IN
[72] SOARES, MARIA MELINA, IN
[71] BIOCON LIMITED, IN
[22] 2013-03-13
[41] 2013-11-07
[62] 2,871,706
[30] IN (1689) 2012-04-30
[30] IN (1690) 2012-04-30

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[21] **3,004,717**
[13] A1
[51] **Int.Cl. A01D 34/69 (2006.01)**
[25] EN
[54] **SPEED CONTROL ASSEMBLY FOR A SELF-PROPELLED WALK-BEHIND LAWN MOWER**
[54] **ENSEMBLE DE COMMANDE DE VITESSE POUR UNE TONDEUSE A GAZON DERRIERE LAQUELLE ON MARCHE AUTO-PROPULSEE**
[72] HELIN, PHILIP, US
[72] BAEHR, RICK, US
[71] MTD PRODUCTS INC., US
[22] 2012-09-26
[41] 2013-05-10
[62] 2,850,517
[30] US (13/250,209) 2011-09-30

[21] **3,004,815**
[13] A1
[51] **Int.Cl. A61C 17/20 (2006.01) A61C 17/02 (2006.01) A61C 17/22 (2006.01) A61C 17/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TEETH CLEANING**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE DE DENTS**
[72] MOLL, FREDERIC H., US
[71] MOLL, FREDERIC H., US
[22] 2011-12-29
[41] 2012-07-05
[62] 2,822,186
[30] US (61/424,873) 2010-12-20
[30] US (61/522,832) 2011-08-12

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[21] **3,004,823**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR COLLECTING EXUDATES**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RECUEILLIR DES EXSUDATS**
[72] JAEB, JONATHAN PAUL, US
[72] KELCH, RANDALL PAUL, US
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] LUCKEMEYER, JAMES, US
[72] MCDANIEL, TERRIE LEA, US
[72] PHILLIPS, BRUCE, US
[72] ROBINSON, TIMOTHY MARK, GB
[72] JASWAL, ABHAY, US
[72] HIGLEY, KEVIN, US
[72] SIMMONS, TYLER, US
[71] KCI LICENSING INC., US
[22] 2009-02-27
[41] 2009-09-11
[62] 2,921,013
[30] US (61/032,804) 2008-02-29

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[21] **3,004,862**
[13] A1
[51] **Int.Cl. A61B 17/16 (2006.01) A61B 17/32 (2006.01) A61B 17/34 (2006.01) A61M 5/158 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO ACCESS BONE MARROW**
[54] **PROCEDE ET DISPOSITIF POUR ACCEDER A LA MOELLE OSSEUSE**
[72] MILLER, LARRY J., US
[71] VIDACARE LLC, US
[22] 2003-05-30
[41] 2003-12-11
[62] 2,898,210
[30] US (60/384,756) 2002-05-31

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[21] **3,004,875**
[13] A1
[51] **Int.Cl. G01F 15/07 (2006.01) G01F 3/10 (2006.01)**
[25] EN
[54] **COUNTER MODULE ADAPTOR ASSEMBLY FOR ROTARY GAS METERS**
[54] **DISPOSITIF D'ADAPTATION DE MODULE DE COMPTEUR POUR COMPTEURS DE GAZ ROTATIFS**
[72] WANG, XINMIN, CA
[72] SMICH, ANDREW, CA
[72] JURYS, MAREK, CA
[71] ROMET LIMITED, CA
[22] 2014-08-08
[41] 2016-02-08
[62] 2,858,734

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[21] **3,004,966**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) B66F 9/075 (2006.01) B66F 9/24 (2006.01)**
[25] EN
[54] **OBJECT TRACKING AND STEER MANEUVERS FOR MATERIALS HANDLING VEHICLES**
[54] **SUIVI D'OBJET ET MANOEUVRES DE DIRECTION DESTINEES A DES VEHICULES DE MANUTENTION DE MATERIAUX**
[72] CASTANEDA, ANTHONY T., US
[72] MCCROSKEY, WILLIAM W., US
[72] SCHLOEMER, JAMES F., US
[72] SCHUMACHER, MARK E., US
[72] SIEFRING, VERNON W., US
[72] WELLMAN, TIMOTHY A., US
[71] CROWN EQUIPMENT CORPORATION, US
[22] 2012-02-21
[41] 2012-08-30
[62] 2,827,735
[30] US (13/033,169) 2011-02-23

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[21] **3,004,970**
[13] A1
[51] **Int.Cl. G11B 27/031 (2006.01) G11B 27/10 (2006.01)**
[25] EN
[54] **MEDIA GENERATING AND EDITING SYSTEM**
[54] **SYSTEME D'EDITION ET DE GENERATION DE MEDIA**
[72] KOFMAN, JEFFREY, GB
[72] BOAS, MARK, IT
[72] PANAGHISTON, MARK, GB
[72] GRIDINOC, LAURIAN, GB
[71] TRINT LIMITED, GB
[22] 2016-03-11
[41] 2016-09-22
[62] 2,979,614
[30] US (62/132,759) 2015-03-13

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[21] **3,005,079**
[13] A1
[51] **Int.Cl. G03B 21/64 (2006.01) G03B 21/00 (2006.01) G03B 31/06 (2006.01)**
[25] EN
[54] **IMAGE PROJECTION DEVICE**
[54] **DISPOSITIF DE PROJECTION D'IMAGE**
[72] REBOT, NATALIE ROSANNA, CA
[71] MOONLITE WORLD INC., CA
[22] 2017-06-16
[41] 2017-12-21
[62] 2,993,686
[30] US (62/351,506) 2016-06-17
[30] US (15/217,067) 2016-07-22

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EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,005,205
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,005,215
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,004,926
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,005,327
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,005,442
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,005,448
F. VON LANGSDORFF LICENSING LIMITED 3,005,366
FABBRI, BRADON JAMES 3,004,901
FABBRI, BRADON JAMES 3,004,902
FAES FARMA, S.A. 3,005,387
FAGAN, GARY J. 3,005,084
FAGAN, TIM 3,005,395
FAIRFAX, STEPHEN 3,005,441
FAIRFIELD INDUSTRIES INCORPORATED 3,005,446
FAIZAKOF, AVRAHAM 3,005,324
FALB, DEAN 3,005,451
FALKNER, FALKO-GUNTER 3,005,334
FANG, HANJUN 3,005,448
FANG, XIANJIE 3,005,001
FARINAS, KATHLEEN COGAN 3,005,238
FARINE, MARIE 3,005,512
FAROUK SYSTEMS, INC. 3,005,326
FECTEAU, MICHAEL T. 3,005,255
FEGER, GEORG 3,005,386
FENARD, DAVID 3,004,971
FENG, CHONGYANG 3,005,547
FENG, JUN 3,005,089
FENG, XU 3,005,491
FERAUD, BENJAMIN 3,005,422
FERNALD, MARK R. 3,005,437
FERNANDEZ MARTINEZ, LUCIA 3,005,080
FERNANDEZ MARTINEZ, LUCIA 3,005,414
FERNANDEZ MARTINEZ, LUCIA 3,005,419
FERNANDO, HANAN 3,005,469
FERREIRA, KEN 3,004,901
FERREIRA, KEN 3,004,902
FIFE, KEITH, G. 3,005,472
FILIPPOV, ALEXEY KONSTANTINOVICH 3,005,417
FINLAY, MAURICE RAYMOND VERSCHOYLE 3,005,102
FINLAY, MAURICE RAYMOND VERSCHOYLE 3,005,495
FINLAY, MAURICE RAYMOND VERSCHOYLE 3,005,516
FINLAY, MAURICE RAYMOND VERSCHOYLE 3,005,517
FINN ASSOCIATES (BUSINESSCARE) LIMITED 3,005,511
FINN, PAUL 3,005,511
FINNIE, JASON D. 3,005,255
FIORE, SUSAN RENATA 3,005,360
FIRAKE, YOGIRAJ 3,005,333
FISCHL, TOBIAS 3,005,196
FITZGERALD, PETER 3,005,515
FLEXLINK AB 3,005,317
FLORMAN, DAVID 3,005,099
FLORMAN, MICHAEL J. 3,005,099
FLOSSMANN, SVEN 3,005,502
FLOYD DESIGN, LLC 3,005,232
FLOYD, BRIAN LEE 3,005,072
FLOYD, TIMOTHY 3,004,734
FMC CORPORATION 3,005,261
FNAPEN LLC 3,005,189
FOLEY, MICHAEL F. 3,005,319
FOLLOWS, BRUCE 3,005,353
FORCE, ERIC 3,005,155
FORMA THERAPEUTICS, INC. 3,005,353
FORMENTIN, SIMONE 3,005,008
FORMOLO, MICHAEL J. 3,004,926
FORMYCON AG 3,005,117
FORNARELLI, THOMAS 3,005,027
FORNEY, DAVID 3,005,402
FORSIGHT VISION4, INC. 3,005,238
FORUM US, INC. 3,004,895
FOUCAULT, FREDERIC 3,005,424
FOUCHARD, DAVID MARC DANIEL 3,005,350
FOURIE, JOHANNES JACOBUS 3,005,275
FPINNOVATIONS 3,004,937
FRAGOSO, ALFONSO 3,005,370
FRANCESCHETTI, MATTEO 3,005,436
FRANKLIN, CASEY 3,005,469
FRANKLIN, WENDY DESIREE 3,005,322
FRAZIER, CLAYTON ANTHONY 3,004,910
FRAZIER, CORBY LUCIOUS 3,004,899
FREITAS, MARK 3,005,402
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,004,754
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,005,262
FRID, NOUREDDINE 3,004,957
FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH 3,004,807
FRIEDRICHS, ROBERT W. 3,005,033
FRITZEN, EDWARD L. 3,005,353
FROMENT, MARION 3,005,503
FROSTEROD, JARLE 3,005,023
FRUEH, KLAUS 3,005,136
FRY, ANTHONY 3,004,912
FRYER, RYAN MICHAEL 3,005,268
FUCHS, YANNICK 3,005,276
FUELCELL ENERGY, INC. 3,005,529
FUKUHARA, YUKIHIDE 3,005,012
FUKUHARA, YUKIHIDE 3,005,034

FUNDACIO INSTITUCIO CATALA DE RECERCA I ESTUDIS AVANCATS 3,005,398
FURUTA, SHOUJI 3,005,169
FUSHUN RESEARCH INSTITUTE OF PETROLEUM AND PETROCHEMICALS, SINOPEC CORP. 3,005,154
FUTURE TECHNOLOGY (SENSORS) LTD 3,004,669
GAFNI, IZHAR 3,005,412
GAILLARD, RAPHAEL 3,005,396
GALEA, CHRIS 3,005,033
GALLO, ANTHONY 3,005,456
GALLO, MICHAEL LAJOS 3,005,482
GALTIER, ANGELIQUE 3,005,410
GARCIA DOMINGUEZ, NEFTALI 3,005,387
GARCIA-RIVERA, ENRIQUE 3,005,097
GARDARSSON, FRIDRIK RUNAR 3,005,088
GAUTHIER, BRUNO 2,988,677
GAUTHIER, LAURENT 3,004,972
GAVARIS, PAUL T. 3,005,050
GE OIL & GAS ESP, INC. 3,005,116
GEDDES, CHRIS D. 3,005,050
GEHLE, RALF 3,004,936
GENERAL CABLE TECHNOLOGIES CORPORATION 3,004,917
GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS - CANADA, INC. 3,005,141
GENERAL ELECTRIC COMPANY 3,005,278
GENETEC INC. 3,005,476
GENETHON 3,004,971
GENG, XINGUO 3,005,154
GENIE ENTERPRISE LTD. 3,005,021
GEORGIA TECH RESEARCH CORPORATION 3,005,215
GEORGIA TECH RESEARCH CORPORATION 3,005,448
GEORGIOU, GEORGE 3,005,032
GERBERSHAGEN, ALEXANDER 3,005,274
GERDTS, VOLKER 3,004,931
GERRITSEN, JOHANNES CORNELIS 3,005,148
GERTLER, FRANK B. 3,005,287
GESKE, RALF 3,004,936
GESKE, RALF 3,004,946
GESKE, RALF 3,004,953
GESTAMP HARDTECH AB 3,005,307
GHEGADE, ANIL 3,005,333
GHOVANLOU, ALI H. 3,005,050
GILLINGS, RICHARD IAN 3,005,431
GIRAUD, JEAN-PIERRE 3,005,117
GIRAUD, JEAN-PIERRE 3,005,132
GLADDING, JEFFERY A. 3,005,212
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,005,491
GOH, LI MAY 3,005,168
GOJO INDUSTRIES, INC. 3,005,480
GONZALES, THOMAS 3,005,464
GOOGLE LLC 3,005,135
GOOGLE LLC 3,005,463
GORDEYEV, SERGEY 3,004,833
GORDON, MAX 3,005,076
GORE, JESSICA ADELLE 3,004,899
GORMAN, ANNE J. 3,005,026
GOTTSCHALK, GERT 3,005,403
GOUMENIOUK, ALEXANDER PHILIP 3,005,279
GOUMENIOUK, PETER ALEXANDER 3,005,279
GOURAND, THIERRY 3,004,993
GRABAT ENERGY S.L. 3,004,938
GRACE THERAPEUTICS LLC 3,005,150
GRANITEFUEL ENGINEERING INC. 3,005,305
GRAVES, ALEXANDER BENJAMIN 3,004,885
GRAYBUG VISION, INC. 3,004,886
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 3,004,955
GREE ELECTRIC APPLIANCES, INC.OF ZHUHAI 3,005,547
GREEN, JORDAN J. 3,005,284
GREENEDEN U.S. HOLDINGS II, LLC 3,005,324
GREENFIELD, DEREK LORIN 3,005,460
GREENPIA TECHNOLOGY INC 3,005,320
GRIFFIN, CHRISTOPHER E. 3,005,296
GRIFFIN, CHRISTOPHER E. 3,005,300
GRIFFITHS & NIELSEN LIMITED 3,004,655
GRISWOLD, JEFFREY 3,005,402
GRONLUND, HANS 3,005,393
GU, GUOLIANG 3,005,489
GUILLEMONT, JEROME EMILE GEORGES 3,005,514
GUSTAFSON, GARY 3,005,353
GUTJAHR, LISA 3,004,982
GUTJAHR, LISA 3,004,984
GUTKOWSKI, MADELYN ELIZABETH 3,005,203
GWANGJU INSTITUTE OF SCIENCE AND TECHNOLOGY 3,005,426
GWD GLOBAL, INC. 3,004,881
HA, CATHERINE P. 3,005,083
HAAS, KEVIN 3,005,265
HACK, SEBASTIAN 3,004,930
HACK, SEBASTIAN 3,004,943
HADDAD, DOUGLAS M. 3,005,084
HAEBERLE, KARL 3,005,068
HAEFNER, STEFAN 3,004,977
HAEFNER, STEFAN 3,004,990
HAKALA, RISTO 3,005,295
HAKALA, ULLASTIINA 3,005,295
HALL, SAMUEL W. 3,005,090
HALL, SAMUEL W. 3,005,128
HALLIBURTON ENERGY SERVICES, INC. 3,004,854
HALLIBURTON ENERGY SERVICES, INC. 3,004,887
HALLIBURTON ENERGY SERVICES, INC. 3,004,889
HALLIBURTON ENERGY SERVICES, INC. 3,005,124
HALLIBURTON ENERGY SERVICES, INC. 3,005,165
HALLIBURTON ENERGY SERVICES, INC. 3,005,175
HALLIBURTON ENERGY SERVICES, INC. 3,005,180
HALLIBURTON ENERGY SERVICES, INC. 3,005,318
HALLIBURTON ENERGY SERVICES, INC. 3,005,325
HALLIBURTON ENERGY SERVICES, INC. 3,005,431
HALLIBURTON ENERGY SERVICES,INC. 3,005,310
HALLIBURTON, DONOVAN 3,005,262
HAMADA, TSUNERO 3,005,022
HAMADA, TSUNERO 3,005,034
HAMAMURA, TOMONARI 3,005,266
HAMILTON, DAVID 3,005,170
HAMPTON STEEL LIMITED 3,005,005
HAN, CHANGLIANG 2,994,061
HANCOCK, MEAGHAN H. 3,005,136
HANEMANN, CHRISTIAN 3,005,413
HANSEN, SCOTT 3,005,136
HANSON, MICHAEL ALLEN 3,005,308
HANWHA AZDEL, INC. 3,005,036
HARA, NOBUO 3,005,012
HARA, NOBUO 3,005,034
HARDING, THOMAS 3,005,370
HAREL, MORDECHAI 3,005,048
HARKIN, CONOR 3,004,959
HARLEY, TIMOTHY JAMES ALEXANDER 3,004,885
HARRIS, JASON 3,005,236
HARTMANN, HOLGER 3,004,977
HARTMANN, HOLGER 3,004,990
HASAN, JAFAR S. 3,005,281
HAUGEDE, TIMOTHEE 3,004,704
HAUMONTE, LUC 3,005,312
HAVEN, CALEB 3,005,216
HAWES, NATHANIEL BENEDICT 3,005,278
HEBBECKER, THOMAS 3,005,413
HEDARCHET, STEPHANE 3,005,498
HEDARCHET, STEPHANE ANTONY 3,005,508
HEENAN, JOSHUA 3,005,028
HELLER, DANIEL A. 3,005,299
HELMAN, NOAH CHARLES 3,005,460
HELSINGIN YLIOPISTO 3,005,295
HEMATI, MICHAEL 3,005,443
HERAUD, JEAN-PHILIPPE 3,004,932
HERD, JEFFREY S. 3,004,897

HERDER, CHARLES H., III 3,004,880
HERIOT-WATT UNIVERSITY 3,005,406
HERNANDEZ HERRERO, GONZALO 3,005,387
HERNANDEZ, CAMILO HENRIQUE LA ROTTA 3,004,925
HERSEY, TIMOTHY 3,005,094
HETTLER, NEIL 3,005,203
HEXION INC. 3,005,231
HID GLOBAL CID SAS 3,005,002
HIGGINS, PETER 3,004,833
HIGH, DONALD R. 3,004,906
HILTI AKTIENGESELLSCHAFT 3,005,519
HINKLE, CHRISTOPHER WINSON 3,004,947
HIROKANE, YOSHIO 3,005,163
HIXSON, TAYLOR M. 2,991,724
HOBART BROTHERS COMPANY 3,005,360
HOBBS, TOM 3,005,395
HODGKISS, JESSICA 3,005,322
HODSON, PETER D. 3,005,428
HODSON, PETER D. 3,005,445
HOEFFLIN, FRANK 3,004,982
HOEFFLIN, FRANK 3,004,984
HOFF, KYLE 3,005,232
HOFFSTETTER, ERIC 3,005,262
HOLDAWAY, ADAM 3,005,170
HOLSTE, DIETER 3,004,936
HOLT, AMY BETH 3,005,513
HOLT, AMY BETH 3,005,518
HOLVOET, SEBASTIEN 3,004,976
HONG, ISU 3,005,411
HONG, SUN WOO 3,005,411
HOOPER, BARRY 3,005,111
HORAK, RAPHAEL 3,005,390
HORLING, FRANZISKA 3,005,334
HORNBECK, JACQUES 3,005,382
HOWITT, CRISPIN ALEXANDER 3,005,466
HOYTE, SCOTT MORDIN 3,005,116
HSIAO, BENJAMIN S. 3,005,140
HSU, CHRISTOPHER 3,005,367
HSU, CHRISTOPHER 3,005,408
HSU, KENNETH C. 3,005,206
HU, LINJIE 3,005,305
HUA, XUJUN 3,004,937
HUANG, YITENG 3,005,463
HUAWEI TECHNOLOGIES CO., LTD. 2,978,927
HUAWEI TECHNOLOGIES CO., LTD. 2,991,208
HUAWEI TECHNOLOGIES CO., LTD. 3,005,417
HUBBELL INCORPORATED 3,005,219
HUGHES, SHANNON K. 3,005,287
HUH, KUM-KANG 3,005,278
HULTKVIST, JAKOB 3,005,307
HUMPHRIES, TONY 3,005,170
HUNSTABLE, FRED E. 3,004,702
HUNTER, RICHARD 3,004,898
HUNTER, TIMOTHY L. 3,005,083
HUNZIKER, PHILIPP 3,005,095
HWANG, JI HYE 3,005,411
HYDROGENICS CORPORATION 3,005,121
I.G. CARDBOARD TECHNOLOGIES LTD. 3,005,412
ICECOLDNOW, INC. 3,005,187
ICHORION THERAPEUTICS, INC. 3,005,444
IFP ENERGIES NOUVELLES 3,004,932
ILLINOIS TOOL WORKS INC. 3,004,892
ILLINOIS TOOL WORKS INC. 3,004,894
ILLINOIS TOOL WORKS INC. 3,005,031
ILLINOIS TOOL WORKS INC. 3,005,362
ILLINOIS TOOL WORKS INC. 3,005,367
ILLINOIS TOOL WORKS INC. 3,005,408
ILLINOIS TOOLS WORKS INC. 3,005,216
IMEL, SHARON LOUISE GODDARD 3,005,221
IMMUNOVACCINE TECHNOLOGIES INC. 3,005,127
INCONTINENT CONTROL DEVICES, INC. 3,005,321
INDUSTRIAL MICROBES, INC. 3,005,460
INDUSTRIE ROLLI ALIMENTARI S.P.A. 2,998,109
INGBER, DONALD E. 3,005,332
INGENICO GROUP 3,005,503
INNATE PHARMA 3,004,972
INNOVATIVE TARGETING SOLUTIONS INC. 3,005,482
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,004,807
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,004,971
INSPIRE MEDICAL SYSTEMS, INC. 3,004,583
INSTITUT CURIE 3,005,110
INSTITUT DR. FOERSTER GMBH & CO. KG 3,005,376
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 3,005,110
INSTITUT PASTEUR 3,005,396
INSTITUTE FOR BASIC SCIENCE 3,005,426
INSTITUTE OF BOTANY, CHINESE ACADEMY OF SCIENCES 3,005,466
INTEGRATED DYNAMIC ELECTRON SOLUTIONS, INC. 3,005,439
INTERCONTINENTAL GREAT BRANDS LLC 3,004,905
IOANNIDIS, STEPHANOS 3,005,353
IRIGOYEN, SONIA C. 3,005,259
ISAACS, ROBERT LESLIE 3,005,333
ISABELLA, VINCENT M. 3,005,451
ISE, TOMOKO 3,005,042
ISN PHARMA SP. Z.O.O. 3,005,010
ISOCURRENT ENERGY INCORPORATED 3,005,134
ITTIG, SIMON 3,005,380
IZUTSU, TADAO 3,005,163
JABER, RIMA 3,005,313
JACHMANN, REBECCA CORINA 3,005,180
JACKSON, JUSTIN W. 3,005,158
JAEKEL, FRANK 3,005,285
JAHNKE, FRED C. 3,005,529
JAKOBSEN, CHRISTIAN 3,004,945
JAMES, PAUL 3,004,854
JAMES, WILLIAM 3,005,366
JANNIN, GAELLE 3,004,898
JANSSEN SCIENCES IRELAND UC 3,005,514
JAYTEE BIOSCIENCES LIMITED 3,005,301
JENKINS, DENNIS K. 3,005,480
JEROMENOK, JEKATERINA 3,005,519
JI, HONGJIN 3,005,489
JIANG, LEI 3,004,698
JIANG, SHIYONG 3,004,955
JIANG, SHIYONG 3,005,547
JIANG, WENQING 3,005,491
JIANGSU HUIFENG BIO AGRICULTURE CO., LTD. 3,005,489
JIMENEZ GONZALEZ, CARME 3,005,387
JIN, LIU 3,005,326
JIN, XIAOMING 3,004,909
JING, ENXUAN 3,005,090
JING, GUICHENG 3,005,370
JINKS, PHILIP A. 3,005,428
JOARDER, JURGEN 3,005,354
JOEHNCK, MATTHIAS 3,005,484
JOHANSSON, JAN 3,005,073
JOHANSSON, LARS 3,005,418
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,005,083
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,005,226
JOHNSON & JOHNSON SURGICAL VISION, INC. 3,005,340
JOHNSON, DUSTIN 3,005,206
JOHNSON, JUSTIN M. 3,005,025
JONCKERS, TIM HUGO MARIA 3,005,514
JONES, MICK 3,005,170
JONES, STEPHANIE RHIANON 3,005,460
JOO, YONG LAK 3,005,198
JOOS, NATHANIEL IAN 3,005,121
JOSHI, NEEL SATISH 3,005,351
JOSSE, GWENDAL 3,004,979
JUDD, STEVEN P. 3,005,442
JUILLET, HUBERT 3,005,003
JULIO, GUIFRE 3,005,359
JUSAND NOMINEES PTY LTD AS TRUSTEE FOR AN & JM NOONAN FAMILY TRUST 3,004,915
KADOCH, CIGALL 3,005,097
KAEDING, THOMAS 3,005,292
KAIN, ROBERT CHARLES 3,005,430
KAINZ, ANDREAS 3,005,550

KALIA, VASUDHA 2,988,378
KALMETA, MARGARET 3,005,045
KALWA, NORBERT 3,005,487
KAMAKOTI, PREETI 3,005,448
KAMATH, KATHY 3,005,070
KANEHARA, SHUHEI 3,005,012
KANEHARA, SHUHEI 3,005,022
KANEHARA, SHUHEI 3,005,034
KANG, JASPAL SINGH 3,005,482
KARAMANEV, DIMITRE 3,005,134
KARATZIS S.A. INDUSTRIAL & HOTELIER ENTERPRISES 3,005,056
KARATZIS, ANTONIOS 3,005,056
KARAZE, BILAL 3,005,322
KARIMPOUR, RAMIN 3,005,345
KARISALMI, KAISA 3,005,297
KARSUNKY, HOLGER 3,005,469
KARTHIKEYAN, CHANDRABOSE 3,005,470
KARUNAKARAN, AATHAVAN 3,005,077
KASPAR, BRIAN 3,005,434
KASPER, CHRISTOPH 3,005,380
KASTELEIN, ROBERT A. 3,004,748
KASTELEIN, ROBERT A. 3,004,900
KASUN, THOMAS J. 3,005,049
KATKAR, AMOL SURYAKANT 3,005,189
KAUR, RAJBIR 3,004,934
KAVUKCUOGLU, KORAY 3,004,885
KAVURU, VIMAL 3,005,150
KAYS, JOSHUA 3,004,886
KCI LICENSING, INC. 3,005,037
KEE, KIA KIAN 3,005,168
KEENAN, RICH 3,005,447
KEMIRA OYJ 3,005,297
KEMPER, STEFAN 3,005,413
KEPLINGER, FRANZ 3,005,550
KER-TRAIN HOLDINGS LTD. 3,005,467
KEROVUO, JANNE 3,004,901
KEROVUO, JANNE 3,004,902
KERR, JOHN HUGH 3,005,467
KESHTMAND, MAJID 3,005,048
KETTEN-WULF BETRIEBS-GMBH 3,005,413
KHAIRALLAH, JESSY 3,005,002
KHARPAS, ANIL BALASAHEB 3,005,333
KIETTA 3,005,312
KIM, CHAN-YUL 3,005,035
KIM, KWANGHOON 3,005,320
KIM, KWANSOO 3,005,320
KIM, KYUNG-SEUNG 3,005,426
KIM, KYUNG-TAEC 3,005,426
KIM, SOOJIN 3,005,320
KINETIC ENERGY AUSTRALIA PTY LTD 3,005,098
KINROSS, JONATHAN PATRICK 3,005,308
KIRIL, OCHINNIKOV 3,005,490
KJOERLING, KRISTOFER 3,005,113
KLAPPER, ULRICH 3,004,928
KLEGIN, MICHAEL TODD 3,005,216
KLEIJN, WILLEM BASTIAAN 3,005,463
KLEYER, DIETER 3,005,485
KLINGE BIOPHARMA GMBH 3,005,117
KLUJ, ESTHER RAHEL 3,005,519
KNECHT, FREDERICK 3,005,229
KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH 3,005,196
KOBYLEWSKI, GARY M. 3,005,281
KOH, DONG-YEUN 3,005,205
KOH, DONG-YEUN 3,005,215
KOKORIS, MARK STAMATIOS 3,004,883
KOLAKOSKI, REBECCA ASHLEY 3,005,072
KONECRANES GLOBAL CORPORATION 3,004,811
KONIG, YOCHAI 3,005,324
KOOFY INNOVATION LIMITED 3,004,935
KOPIN, ALAN S. 3,004,933
KOREA INSTITUTE OF CONSTRUCTION TECHNOLOGY 3,005,184
KORRI-YOUSSOUFI, HAFSA 3,004,708
KOSINKI, DAVID 2,991,724
KOTTAYIL, S. GEORGE 3,005,150
KOTTE, ROLF 3,005,485
KOTULA, JONATHAN W. 3,005,451
KOVARIK, MICHAEL 3,004,883
KRASSNITZER, SIEGFRIED 3,004,920
KRIEGER, JAMES D. 3,004,897
KRITZINGER, JOHANNES 3,005,095
KRONQVIST, NINA 3,005,073
KRUG, JORG 3,005,381
KRUGER, ADELE 3,005,101
KRULL, HANS-GUNTER 3,005,378
KUCHLER, BRIAN 3,005,449
KUCHLER, BRIAN 3,005,456
KUCHLER, BRIAN 3,005,461
KUEHME, DANIEL 3,005,149
KULKARNI, AMBARISH R. 3,005,448
KULTANEN, TERO 3,004,811
KUMAR, AMRESH 3,005,150
KUMAR, KRISHNA 3,004,933
KUMAR, SUBIR 3,004,390
KUO, YA PIN 3,005,104
KURAPOV, DENIS 3,004,920
KURNELLAS, MICHAEL 3,004,908
KURZ, VOLKER L. S. 3,005,077
KURZ, VOLKER L.S. 3,004,919
KUSLYS, MARTINAS 3,004,976
KYLE, DONALD EARL 3,004,914
LA NEVE, FABIO 3,005,386
LABORATOIRE DENTAIRE HORNBECK JACQUES S.A R.L. 3,005,382
LACRISCIENCE, LLC 3,005,050
LADD, DAVID 3,004,929
LAFLEUR, LOUIS FRANCIS 3,004,854
LAHMAN, MIRANDA 3,004,883
LAL, BANWARI 3,004,390
LALIBERTE, JULIE CATHERINE 3,005,101
LALLOUETTE, TERRENCE 3,005,392
LAMBERT, NATHANIEL A. 3,005,255
LAMBRECHT, GREGORY 3,005,108
LAMONT, JOHN 3,005,515
LAMOUCHE, GUY 2,988,677
LANDMARK GRAPHICS CORPORATION 3,005,166
LANTZ, RICHARD L. 3,005,196
LAPHAM, KYLE 3,005,265
LARGE, CHARLES 3,005,302
LARI, DAVID REZA 3,005,151
LARKIN, PHILIP JOHN 3,005,466
LAROSE, PASCAL 3,005,359
LARSON, BROND 3,005,263
LARSON, ERIC THOMAS 3,005,268
LASIOTA, HEINRICH 3,005,485
LASKO, DANIEL R 3,005,308
LATCHIREDDI, SANJEEVA 3,005,468
LATCHIREDDI, SEETHAPATHI RAO 3,005,468
LAUFFENBURGER, DOUGLAS A. 3,005,287
LAUKKANEN, ANTTI 3,005,297
LAVANIA, MEETA 3,004,390
LAVIEU, GREGORY G. 3,005,077
LAZAR, FLORIN N. 3,005,182
LEACH, ANDREW 3,005,441
LEAL, CATALINA 3,005,253
LEBREUX, NORMAND 3,005,153
LEE, DONG YUN 3,005,158
LEE, DONG-KI 3,005,411
LEE, HOOCHUL 3,005,320
LEE, HOYUN 3,005,470
LEE, JIN-YOUNG 3,005,035
LEE, SUN-IL 3,005,035
LEHMANN, FREDRIK 3,005,088
LEHMANN, TAYLOR 3,004,883
LEHNHOFF, INGO 3,005,487
LENDI, DANIEL 3,004,920
LENGLER, JOHANNES 3,005,334
LENNON, GRAINNE CLARE 3,005,513
LENNON, GRAINNE CLARE 3,005,518
LEONARDO SPA 3,005,152
LEV, YONI 3,005,324
LEV-TOV, AMIR 3,005,324
LEVITON MANUFACTURING CO., INC. 3,004,904
LEWIS, ALAN PETER 3,005,491
LI, HONGGUANG 3,005,154
LI, KE 3,004,927
LI, KE 3,004,960
LI, LIANSHENG 3,005,089
LI, QIANQIAN 3,004,955
LI, RONGHAO 3,005,391
LI, XIANGLIAN 3,005,223
LI, YING 3,004,955
LIEDBERG, JAKOB 3,004,882
LIFECELL CORPORATION 3,005,438
LIGHTLAB IMAGING, INC. 3,005,242
LIGHTLAB IMAGING, INC. 3,005,280
LIGHTLAB IMAGING, INC. 3,005,296
LIGHTLAB IMAGING, INC. 3,005,300
LIN, ABBY 3,005,482
LIN, AIMEE KARIS 3,005,358
LIN, FIONA LAICHU 3,005,524
LIN, JIAN 3,005,353
LIN, JU ZHEN 3,005,104

LINAMAR CORPORATION 3,005,258
LINCO FOOD SYSTEMS A/S 3,005,148
LINDAMULAGE, INDEEWARI KALHARI 3,005,470
LINDER, VINCENT 3,005,084
LINEAR LABS, LLC 3,004,702
LINGOES, JANETTE VILLALOBOS 3,004,903
LINGOES, JANETTE VILLALOBOS 3,005,064
LINGOES, JANETTE VILLALOBOS 3,005,065
LINGOES, JANETTE VILLALOBOS 3,005,072
LINXENS HOLDING 3,005,002
LIONBERGER, TROY A. 3,004,919
LITTRELL, MICHAEL G. 3,005,229
LIU, CHAO 3,005,306
LIU, CHUN-MING 3,005,466
LIU, DAVID 3,005,469
LIU, HONGMEI 3,004,698
LIU, HONGMING 3,004,955
LIU, JIANMIN 3,004,917
LIU, JINXIN 3,005,466
LIU, KEQIN 3,005,547
LIU, SONG 3,004,934
LIU, TIEBIN 3,005,154
LIU, YAN 3,004,939
LIU, YANG 3,004,939
LIU, YI 3,005,089
LIU, YUAN 3,005,089
LIVELY, RYAN P. 3,005,205
LIVELY, RYAN P. 3,005,215
LIWSKI, ROBERT 3,005,127
LLUSA MELENDEZ, GUIU 3,004,992
LOCKE, CHRISTOPHER BRIAN 3,005,037
LOMBERK, SCOTT ELLIS 3,005,308
LONDONO-VALLEJO, ARTURO 3,005,110
LONG, YUN OLIVER 3,005,089
LOOBY, RICHARD 3,005,029
LOTVIN, JASON ARNOLD 3,005,308
LOWE, RANDALL D., JR. 3,004,919
LOWRY, KARL 3,004,205
LOYEN, KARINE 3,005,315
LU, ALBERT LAURENCE 3,004,913
LU, HUI 3,004,909
LUCKEMEYER, JAMES A. 3,005,037
LUDKA, MIKE ANDREW 3,005,209
LUDLOW, WILLIAM EDWARD 3,005,323
LUEBS, ALEJANDRO 3,005,463
LUNDIN, TOM 3,005,297
LUO, HAO 2,991,208
LUO, LIMING 3,005,224
LUXON, EVAN S. 3,005,443
MA, DEREK X. 3,004,947
MA, ONDY SONG QI 3,004,935
MA, PENG 2,994,061
MA, YINGLI 3,005,491
MACDONALD, LISA DIANA 3,005,127
MACK, DAVID MATTHIAS 3,005,039
MADDALA, DHARMA 3,005,049
MADSEN, ARNE JORGEN 3,005,206
MAETANI, MICAH 3,005,097
MAHANTHAPPA, NAGESH K. 3,005,158
MAJDOUL, SALIHA 3,004,971
MAKO SURGICAL CORP. 3,005,038
MALHOTRA, MEENAKSHI 3,004,921
MALLEO, DANIELE 3,004,919
MALLOUGH, MITCHELL W. 3,005,226
MAMMEDOV, TARLAN 3,005,304
MANDADI, KRANTHI K. 3,005,259
MANN, TOBIAS 3,005,101
MANSOUR, MARC 3,005,127
MANUS, JOHANNES 3,005,502
MAO, WANG 3,005,268
MARC, ETIENNE 3,005,446
MARCO, DORON BERNARD 3,005,021
MARK, JOSEPH L. 3,005,030
MARSDEN, DOUGLAS A. 3,005,187
MARSDEN, GREGORY 3,005,170
MARTIN, CHRISTOPHER THOMAS 3,005,052
MARTIN, ROY CHRISTIAN 3,005,052
MARTIN-PRIETO, SERGIO 3,005,419
MAS PONS, JORDI 3,005,500
MAS ZENGRANGE (NZ) LIMITED 3,005,170
MASOODI, MOJGAN 3,004,986
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,004,897
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,005,287
MASSO CHACON, ANNA 3,005,398
MAST GROUP LIMITED 3,004,988
MASTERCARD INTERNATIONAL INCORPORATED 3,005,185
MATHIEU, ANTOINE 3,005,422
MATTA, JOHN 3,004,896
MATTERNET, INC. 3,004,947
MAURAIS-GALEJS, DENISE T. 3,004,897
MAYE, MATHEW 3,005,458
MAYER, LAWRENCE 3,005,076
MAYS, JAMES 2,991,724
MAZICH, KENNETH A. 3,005,058
MAZUMDER, SUPARNA 3,005,025
MC GOWAN, DAVID CRAIG 3,005,514
MCCLUSKEY, SEANIN MARIE 3,005,513
MCCLUSKEY, SEANIN MARIE 3,005,518
MCCONAUGHY, WILLIAM K. 3,005,158
MCCONNELL, IVAN 3,005,515
MCCOOL, BENJAMIN 3,005,215
MCCOOL, BENJAMIN A. 3,005,205
MCCOWN, MATTHEW 3,004,901
MCCOWN, MATTHEW 3,004,902
MCDANIEL, DAVID H. 3,005,471
MCDONALD, MICHAEL JAMES 3,005,223
MCEUEN, PAUL 3,005,143
MCFARLAND, ANDREW W. 3,004,919
MCGOVERN, VICKI 3,005,434
MCGRATH, DAVID S. 3,005,113
MCILVENNA, DAVID 3,004,833
MCKEE, JASON 3,005,297
MCKENNA, ELIZABETH 3,004,951
MCKENZIE, BLAYNE M. 3,005,091
MCKIBBEN, BRYAN PATRICK 3,005,268
MEDERO, GABRIELA 3,005,406
MEDIVATORS INC. 3,004,896
MEDTECH SA 3,005,282
MEER, DAVID 3,005,274
MEHMETI, IBRAHIM 3,005,490
MEHTA, DHAIRYA DILIP 3,005,405
MEISTERMANN, LAURENT 3,005,058
MEJRI, NAWEL 3,004,708
MERCADER BADIA, JOSEP VICENT 3,005,506
MERCK PATENT GMBH 3,005,484
MERCK SHARP & DOHME CORP. 3,004,748
MERCK SHARP & DOHME CORP. 3,004,900
MERCURY SYSTEMS, INC. 3,004,893
MERLIN FUEL TECHNOLOGY LIMITED 3,005,511
MERRON, MATT JAMES 3,004,889
MESSINA, PHILIP A. 3,004,734
METZ, ROBERT 3,005,465
MEZA, JESUS ERNESTO 3,005,033
MEZGER, ULI 3,005,502
MICHAEL, LACHLAN BRUCE 3,005,164
MICROOPTX INC. 3,005,052
MIDDLETON, CHRISTOPHER MARTIN 3,005,116
MIGNONE, ELSA 3,004,932
MIHALACHE, LIVIU 3,005,146
MILLER, JERIN 3,005,273
MILLER, PAUL F. 3,005,451
MILLER, SCOTT D. 3,004,893
MILLET, YVES 3,005,451
MILWAUKEE SILICON, LLC 3,005,156
MINEV, BORIS 3,004,891
MINIMAX GMBH & CO. KG 3,004,965
MIODEK, ANNA 3,004,708
MIRKOV, T. ERIK 3,005,259
MITCHELL, ELLEN SIOBHAN 3,004,996
MITCHELL, LLOYD G. 3,005,474
MITEVSKI, VLADIMIR 3,005,462
MNIH, VOLODYMYR 3,004,885
MOELDERS, NICHOLAS 3,005,318
MOGO HOLDINGS PTY LTD 3,005,354
MOHAN, RAJU 3,005,236
MOHANTY, RADHA G. 3,004,901
MOHANTY, RADHA G. 3,004,902
MOLONEY, ETHAN 3,005,211
MOLONEY, JEREMY 3,005,211
MONCHALIN, JEAN-PIERRE 2,988,677
MONFETTE, DAVID 3,005,153
MONKABA, GARY 3,005,258
MONSANTO TECHNOLOGY LLC 3,004,901
MONSANTO TECHNOLOGY LLC 3,004,902
MONTEYS, ALEJANDRO 3,004,710
MOON, SUNG CHUL 3,005,178
MOORE, ROBERT KEVIN 3,005,108
MORALES PALOMINO, JULIAN 3,004,938
MORANDI, BILL 3,005,001

MORELLI, BORIS PIERRE MARCEL 3,005,422
MORENO, DELFINO, III 3,005,139
MORILLON, ANTONIN 3,005,110
MORIN, TREVOR J. 3,005,299
MORRIS, ADAM 3,005,453
MOULDER, WILLIAM F. 3,004,897
MSA TECHNOLOGY, LLC 3,005,273
MUELLER, KEVIN 3,005,068
MUELLER, MICHAEL KLEMENS 3,005,285
MUKAI, HIRONORI 3,005,169
MULDER, IMKE ELISABETH 3,005,513
MULDER, IMKE ELISABETH 3,005,518
MUNDT, HARALD 3,005,113
MUNKPLAST AB 3,005,024
MUNRO, JAMES F. 3,005,319
MURPHY, BRUCE 3,004,959
MUSICK, DAVID E. 3,005,203
MUTER, JOHN 3,005,305
MYRIAD GENETICS, INC. 3,005,119
NABAVI, MELUD 3,004,883
NAGAPPAN, GUHAN 3,005,491
NAGATA, SATOSHI 3,005,042
NAHUM, BERTIN 3,005,282
NAKADA, SHIRO 3,005,022
NAM, CHANG-HEE 3,005,426
NANCARROW, LINSEY 3,005,395
NANORA PHARMA INC. 3,004,921
NASDAQ, INC. 3,005,462
NASH, ETHAN 3,005,265
NASH, HUW M. 3,005,090
NASH, HUW M. 3,005,128
NASH, HUW M. 3,005,131
NASH, HUW M. 3,005,245
NASH, HUW M. 3,005,246
NASH, HUW M. 3,005,247
NASH, HUW M. 3,005,249
NASH, HUW M. 3,005,254
NASH, HUW M. 3,005,256
NASU, HIDEAKI 3,005,266
NATARAJAN, CHANDRASHEKAR 3,004,906
NATIONAL GRID GAS PLC 3,005,499
NATIONAL OILWELL VARCO, L.P. 3,005,139
NATIONAL RESEARCH COUNCIL OF CANADA 2,988,677
NAVICKAS, VAIDOTAS 3,005,292
NEBELITSKY, EUGENE 3,005,125
NEC CORPORATION 3,004,698
NEGRETE HERRERA, NORMA LIDIA 3,005,068
NELSON, JAY 3,005,136
NELSON, SHAWN D. 3,005,449
NELSON, SHAWN D. 3,005,456
NELSON, SHAWN D. 3,005,461
NES, INGOLF 3,005,490
NESTEC S.A. 3,004,976
NESTEC S.A. 3,004,986
NESTEC S.A. 3,004,996
NESTEC S.A. 3,005,486
NESTEC S.A. 3,005,494
NEVILL, J. TANNER 3,004,919
NEWBERN, JEFFREY 3,005,400
NEWHARD, STEVEN 3,005,471
NEXEN ENERGY ULC 3,005,370
NGUYEN, HUY T. 3,004,897
NGUYEN, PHILIP D. 3,005,325
NI, QUAN 3,004,583
NICHOLS, PAULA LOUISE 3,005,394
NICO CORPORATION 3,005,030
NIEDERAUER, MARK 3,005,473
NILL, JENNIFER 3,005,464
NIPPON SHINYAKU CO., LTD. 3,005,169
NIPPON STEEL & SUMIKIN COATED SHEET CORPORATION 3,005,266
NISSINK, JOHANNES WILHELMUS MARIA 3,005,495
NISSINK, JOHANNES WILHELMUS MARIA 3,005,516
NISSINK, JOHANNES WILHELMUS MARIA 3,005,517
NKT PHOTONICS A/S 3,004,945
NOKES, JESSE 3,004,895
NOLIDIN, CHARLES 3,005,464
NOMURA, HIROMASA 3,005,266
NOONAN, GERRY 3,004,915
NORDLING, KERSTIN 3,005,073
NORTHCONE AB 3,005,418
NORWEGIAN UNIVERSITY OF LIFE SCIENCES 3,005,490
NOVAK, RICHARD 3,005,332
NOVARTIS AG 3,005,125
NOVARTIS AG 3,005,151
NOVARTIS AG 3,005,159
NOVARTIS AG 3,005,162
NOWAK, SYLWIA 3,005,010
NUSS, JOHN 3,005,236
O'CONNELL, KEVIN J. 3,005,452
O'SULLIVAN, JAMES STANDISH 3,004,947
OASIS PHARMACEUTICALS, LLC 3,005,029
OBERBERGER, MICHAEL 3,004,911
OCEANS LTD. 3,005,120
ODI, TIMOTHY 3,005,464
ODORI, MAURO 3,005,478
OECHSLE, DIETMAR 3,005,144
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 3,004,920
OFFNER, CARL 3,005,263
OHIO STATE INNOVATION FOUNDATION 3,004,924
OHIO STATE INNOVATION FOUNDATION 3,005,434
OHNO, SHUN 3,005,258
OIL AND NATURAL GAS CORPORATION LIMITED 3,004,390
OKATY, MAJA 3,005,287
OKUNEV, DMITRIY 3,005,202
OLIVER, JOHN W. K. 3,005,332
OLIX PHARMACEUTICALS, INC. 3,005,411
OLLE, CHASE 3,005,319
OLSON, JONATHAN K. 3,004,896
OLWILL, SHANE 3,004,918
OMICRON ELECTRONICS GMBH 3,004,923
OMICRON ELECTRONICS GMBH 3,004,928
OMYA INTERNATIONAL AG 3,005,095
OPKO DIAGNOSTICS, LLC 3,005,084
OPPILAN PHARMA LTD. 3,005,236
ORBIS CORPORATION 3,005,209
OREGON HEALTH & SCIENCE UNIVERSITY 3,005,136
OREGON HEALTH & SCIENCES UNIVERSITY 3,005,076
ORR, MELVIN ALAN 3,005,465
ORRICO, JAMES 3,005,281
OSTRANDER, CRAIG 3,004,883
OUDIN, MADELEINE J. 3,005,287
OWENS CORNING INTELLECTUAL CAPITAL, LLC 3,005,203
OWENS, RICK T. 3,005,438
OXITENO S.A. INDUSTRIA E COMERCIO 3,004,925
OYEDOKUN, OLUWAFEMI I. 3,005,166
OZYHAR, TOMASZ 3,005,095
PAANS, HUGO WILLEM LAMBERTUS 3,005,161
PACEY, MICHAEL 3,005,301
PADBERG, FRANK 3,005,413
PADIOLEAU, CHRISTIAN 2,988,677
PAETOW, MARIO 3,005,519
PAHLE, WOLFGANG 3,005,196
PAITHANKAR, DILIP 3,005,250
PALL CORPORATION 3,005,144
PALMER, JASON 3,005,402
PAN, DI 3,005,278
PANCHAL, AMIT RANJIT 3,005,333
PANDEY, NIRANJAN B. 3,005,284
PAPP, ROBERT IOAN 3,005,139
PARK, CHUN-GUN 3,005,184
PARK, SEUNG-BEOM 3,005,426
PARK, STEVEN 3,005,175
PARKER, ANDREW 3,005,473
PARKER, MARK 3,005,473
PARKS, JERRY M. 3,005,203
PARMAR, RADHA SHAH 3,005,491
PARROTT, MATTHEW 3,004,759
PARTRIDGE, RANDALL D. 3,005,215
PASTAN, IRA H. 3,005,042
PATEL-BROWN, SUJATA KAUSHIKBHAI 3,005,308
PATIL, AVINASH DADASO 3,005,333
PATTABIRAMAN, VIJAYA 3,005,394
PATTERSON, JON MICHAEL 3,005,408
PATTERSON, STEPHEN 3,004,895
PAUL SCHERRER INSTITUT 3,005,274
PAUR, CHARANJIT 3,005,448
PAVLIAK, VILIAM 3,005,524
PAXIS LLC 3,005,229
PEBLEY, WALT 3,005,311
PECOFACET (US), INC. 3,004,922
PEDERSEN, TOR VANG 3,005,023
PELLEGRI, MAURO 3,005,152
PENG, YU 3,005,001

PEPE, GREG 3,005,094
PERKINS, DAVID ROBERT 3,005,517
PERKINS, JARED C. 3,005,255
PERRY, STEVAN 3,005,269
PETERSEN, JOHN S. 3,005,450
PETERSEN, MICHAEL 3,004,896
PETERSON, JAMES G. 3,005,300
PETRY, JAMES 3,005,269
PETRY, SEBASTIAN 3,005,395
PETSCHKE, ANDREAS 3,005,196
PETTIT, NEIL 2,988,378
PFEIFFER, THOMAS 3,005,317
PFIZER INC. 3,005,308
PFIZER INC. 3,005,524
PFULLER, RICHARD 3,004,930
PHAM, BAO-TRAM N. 3,005,206
PHILIP MORRIS PRODUCTS S.A. 3,005,155
PHILIP MORRIS PRODUCTS S.A. 3,005,498
PHILIP MORRIS PRODUCTS S.A. 3,005,508
PHILIP MORRIS PRODUCTS S.A. 3,005,512
PHILLIPS, JONATHAN CALEB 3,005,149
PHOENIX CONTACT GMBH & CO. KG 3,004,936
PHOENIX CONTACT GMBH & CO. KG 3,004,946
PHOENIX CONTACT GMBH & CO. KG 3,004,953
PIAO, YIN-JI 3,005,035
PICAUD, SERGE 3,004,807
PICKER, LOUIS 3,005,136
PIERIS AUSTRALIA PTY LTD. 3,004,918
PIERRE FABRE DERMO-COSMETIQUE 3,004,979
PIERRE, FRITZ, JR. 3,005,327
PIGAL, FABIEN 3,005,410
PIGOTT, CRAIG ROBIN 3,005,482
PINGRY, RYDER WILLIAM 3,005,218
PIONEER HI-BRED INTERNATIONAL, INC. 3,004,913
PIONEER HI-BRED INTERNATIONAL, INC. 3,004,914
PITCHER, JOSHUA 3,004,912
PITCO FRIALATOR, INC. 3,005,255
PLANTE, JEAN-SEBASTIEN 3,005,359
POLK, JOHN THOMAS 3,005,219
POLMAN, RUDI THEODORUS MARIA 3,005,148
POMERLEAU, MING F. 3,005,438
POOLER, AMY MELISSA 3,004,996
POON, WAI 3,005,218
POPEL, ALEKSANDER S. 3,005,284
POST, NICHOLAS JON 3,005,038
POTRERO MEDICAL, INC. 3,005,447
POTTER, ANDREW 3,004,931
PQ CORPORATION 3,005,223
PRAKASH, SATYA 3,004,921
PREGLER, MARTIN 3,005,502
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,005,332
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,005,351
PRICE, TOM 3,005,499
PRIDE, MICHAEL WILLIAM 3,005,524
PRINDLE, MARC 3,004,883
PROGENITY, INC. 3,005,101
PSP 3,004,993
PSP 3,005,415
PULLING, CHRISTOPHER CLARK 3,005,052
PUNDOLE, FARAIDOON 3,005,473
PUNNONEN, JUHA 3,004,900
PUSCAS, MIHAIL 3,005,139
QBO COFFEE GMBH 3,004,969
QBO COFFEE GMBH 3,005,381
QI, WEIGANG 3,005,203
QIU, YANGSHENG 3,005,491
QIU, YU 3,004,960
QUALCOMM INCORPORATED 3,005,133
QUINONES REYES, GUILLERMO 3,005,506
QUISPE CALLA, NIRK E. 3,004,924
QURESHI, FAISAL 3,005,370
RABE, THOMAS ELLIOT 3,004,903
RABE, THOMAS ELLIOT 3,005,064
RABE, THOMAS ELLIOT 3,005,065
RABE, THOMAS ELLIOT 3,005,072
RABOCZKI, ZOLTAN 3,005,000
RABOISSON, PIERRE JEAN-MARIE BERNARD 3,005,514
RABUT, QUENTIN 3,004,997
RACZ, PIERRE 3,005,476
RAILPRO LIMITED 3,005,275
RALLO, GIANMARCO 3,005,008
RALSTON, TYLER S. 3,005,472
RAN-RESSLER, RINAT 3,004,976
RANA, DOLLY PAL 3,004,390
RANDOX LABORATORIES LTD 3,005,515
RANDOX TEORANTA 3,005,515
RANGANATHAN, SATHISH KUMAR 3,004,917
RAPTOPOULOS, ANDREAS 3,004,947
RASSINI SUSPENSIONES, S.A. DE C.V. 3,005,033
RATAJ, MIECZYSLAW 3,004,998
RAUBO, PIOTR ANTONI 3,005,517
RAVIKOVITCH, PETER I. 3,005,448
RAYTHEON COMPANY 3,005,349
REDEEM CCS PTY LTD 3,005,111
REDMOND, JAMES 3,004,959
REDOULES, DANIEL 3,004,979
REECE, JOHN BROOKS, JR. 3,005,319
REED, BRYAN W. 3,005,439
REFSELL, DAWN E. 2,988,413
REGBERG, AARON B. 3,004,926
REICHEL, ULRICH 3,005,378
REIDERMAN, ARCADY 3,005,180
REIFERT, JACK 3,005,070
REN, PINGDA 3,005,089
RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL 3,005,240
RESPINOR AS 3,005,078
RESPIRIX, INC. 3,005,443
RESTUCCIA, CARMELO LUCA 3,005,055
REVERE BIOSENSORS, LLC 3,005,430
REXON INDUSTRIAL CORP., LTD. 3,005,104
RICARD, MICHELLE 3,004,937
RICE, TRISHA 3,005,048
RICHARD, JULIEN 3,005,401
RICHARD, JULIEN 3,005,410
RICHARDSON, CIARAN 3,005,515
RIEKER, CLAUS 3,004,996
RIES, MARTIN 3,004,930
RIES, MARTIN 3,004,943
RIOUX, FREDERIC 3,005,476
RISING, ANNA 3,005,073
ROBB, JOHN 3,004,205
ROBERT, RALPH JOSEPH 3,004,854
ROCHE REBOLLO, ENRIQUE 3,004,992
ROCHETEAU, PIERRE 3,005,396
RODINO-KLAPAC, LOUISE 3,005,240
RODRIGUEZ, JOSE ROBERTO FRAUSTO 3,005,033
ROHRER, ROMAN 3,004,982
ROHRER, ROMAN 3,004,984
ROLLI, GIAN PAOLO 2,998,109
ROMAN, ALEXANDRE 3,005,401
RONAN, ALLAN 3,005,059
RONDONI, JOHN 3,004,583
ROSE, HOWARD 3,004,988
ROSKA, BOTOND 3,004,807
ROSKI, JAMES P. 3,005,091
ROSSI, BENJAMIN 3,004,972
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